THE MASSACHUSETTS COLLEGIAN

MASSACHUSETTS AGRICULTURAL COLLEGE

Vol. XXVII. Amherst, Mass., Tuesday, October 3, 1916. No. 1

FIFTIETH COLLEGE YEAR OPENS WITH ASSEMBLY

President Butterfield Welcomes Men Back. Announcements and Changes During Summer.

At the first assembly, Wednesday afternoon, President Kenyon L. Butterfield welcomed the old and new students in to another year of progress and work at the institution. He expressed the hope that the coming college year would be a great one, not necessarily in the physical growth of the college in numbers, but in the development of a better Aggie spirit. Among other announcements the President mentioned the success of the Summer School and Graduate Summer School, the opening of the new microbiology building at an early date, and the near completion of the rural engineering shops. He also announced the purchase of a tract of land just south of the athletic field, long wanted by the college, and now being held pending the development of a general recreation ground for the students.

A new system is to be worked out this year, which will make possible advisors for the freshmen, as has always been the case, but also provides advisors for the upper class men. This change is sure to be popular and consists of the following men of the faculty: Seniors, Dean Lewis; juniors, Dr. Chamberlain; sophomores, Dr. Ernest Anderson and Professor MacKimmie; and for the freshmen, Professors Robbins and Machmer and Mr. Rand.

The commission appointed by the Governor to investigate the Massachusetts Agricultural College, as well as agriculture in general, will hold its first hearing in the old stone chapel, Wednesday at 10 A. M. This committee is composed of Hon. Payson Smith, ex-officio, Dr. L. Clarke Seelye, chairman, Mr. Whiting of Holyoke, Mr. Jewett of Worcester and Mr. Burbank. Other hearings are scheduled as follows: Boston, Oct. 13; Springfield, Oct. 19; and Boston, Oct. 24. The public is cordially invited to attend these meetings as they will present a fine opportunity for Massachusetts people to learn what the Agricultural College is doing for the young men and women.

[Continued on page 6]

UNUSUALLY SMALL NUMBER ENROLL IN ENTERING CLASS

Only 153 Register to Date as Compared with Over 200 Last September. Nine Co-eds.

One hundred and fifty-three students, nine of them young women, were the official registration figures given out Saturday night for the class of 1920, a decrease of over 25 percent from last year's entering class, which numbered well over two hundred. Fifteen of these are from other states than Massachusetts, one coming from Cuba. It is expected that the number of freshmen will be considerably increased by additional regular registrations, and also by a plan recently indorsed by the faculty, permitting entrance on probation for those one-half a credit short.

Many peculiar name combinations appear in the list, according to the following tale:

"Several *Brown Lyons* that had been let *Lace* and were trying to *Hyde* among the *Maples* in the *Gray* of *Early* morning during a fall of *Hale* and *Snow*, suddenly become enraged when their *Keen* ears *Hurd* the *Horne* of the *King* of *Holland*, and it required all the *Crafts*-manship of seven *Smiths* two *Taylors* and a *Plowman* to prevent a *Waugh*-like scene worse than that at *Bunker Hill*.

Another story for the *Paige* of history *Reeds* as sweet as *Candy* all *Wright*, about a man who plays *Cards* while the *Cole* in his fire *Burns* out."

Allen, Harold K., Belchertown.
Andrews, George H., Farmington, Conn.
Apsey, George W. Jr., Winchester.
Armstrong, John S., East Sandwich.
Armstrong, Philip B., Rutherford, N. J.
Babcock, Leslie E., Marlboro.
Bacon, Milo R., Leominster.
Bailey, William, Williamston.
Ball, Harry A., Bridgewater.
Ball, Lorin E., Amherst.
Beauregard, Winfield S., Framingham.
Berman, Harry, Holyoke
Bigelow, Henry C., Millville, N. J.
Blake, Robert A., Wollaston.
Blanchard, Kenneth, Haverhill.
Boardman, Charles M., Amherst.
Bowen, Abram T., Granville, N. Y.
Bowmar, Ralph B., Canton.
Brown, Roy R., Wollaston.

[Continued on page 7]

UNDERGRADS AND ALUMNI CELEBRATE FOUNDERS' DAY

Forty-ninth Opening of M. A. C. Interesting Program Around Large Bonfire.

Despite the cold wind, a large gathering of students, alumni and visitors were present at Founders' Day celebration held Saturday eveuing in the pit. The regular football bleachers were arranged around in a semi-circle, providing every one a good view of the fire and speaker's platform. After a few preliminary cheers led by Westman '17, who acted as toastmaster, Buckman '17, president of the Senate, welcomed the freshmen by a very unique and fitting address.

After Grayson, captain of football had spoken urging student support, the bonfire was lighted raising the atmospheric temperature to an agreeable degree. Coaches Melican and Perry followed with speeches enthusiastic of the prospects of the team and Palmer praised the scrubs and called for cheers. Manager Holden urged the students to have confidence in the team's winning power.

Professor Hicks was next introduced. Although admitting a hard schedule for the football team he assured the students that the team, with their support, combined with an excellent system of coaching would finish aseason creditable to the college.

The song "Fight on to Victory" was led by Griggs '13, the composer. His speech which followed concerned leadership and co-operation in student activities. Captain Fleet of the military department spoke of the Plattsburg camp and the Aggie men enrolled Gillette '08 gave a short talk on college enthusiasm and co-operation applied to the football season.

President Butterfield was the last speaker of the evening. Following his usual custom of presenting a watchword for the coming year he gave this year's motto: "Be ambitious." He urged the students to be rational with studies and activities and to boost Aggie by planning for the future. Singing led by Nicholson '16 concluded the program for the evening.

'07.—Henry T. Pierce has announced his marriage to Miss Mary L. Morton of New York city.

FOOTBALL SQUAD FAST ROUNDING INTO SHAPE

Candidates Report for Practice Early. Team to Play Conn. Aggies Saturday.

Thirty-five men answered Capt. Grayson's call for football candidates and reported for practice Sept. 18. This year M. A. C. is playing such teams as Harvard, Dartmouth and Cornell, and it is hard to say just what the prospects are. The team has had longer to practice before the first game this year than in any previous season and all are well trained in the fundamentals. Although nine "M" men were lost by graduation, there still remains a nucleus of players who have been in one or more varsity games. The veterans out this year are: Capt. Grayson '17, Dunn '18, Weeks '18, Boles '17, Holmes '18, Spaulding '18, Roberts '18, Day '17 and Richardson '18. Of these nine veterans only four are letter men, but there is a large squad to pick other men from. The other candidates out are; quarterbacks—Whittle '19, Mack '17, F. Grayson '18 and G. K. Blanchard '19; backs—Goodwin '18, Moynihan '18, Pond '19, Rorstrom '17 and Clough '17; ends—Higginbotham '17, Irving '17, Maginnis '18, Gray '18, Cooley '19, Sawyer '18 and Behrend '17; linemen—McNaught '18, Sauter '17, Edes '18, C. D. Blanchard '19, Tilton '18, Nash '17, Wood '19, Edwards '17, Hagelstein '17 and Fraser '18.

The opening game with Connecticut "Aggies" will be played on Alumni field Saturday, giving a very good chance to get a line on the men as everybody will probably have an opportunity to show their worth. There have been but four scrimmages so far and very few men have been injured. Hunnewell '18 was put out for the season when he hurt his shoulder, and Buttrick '17, a veteran from last year, had to quit on account of fallen arches.

The schedule is as follows:

Oct. 7—Conn. Agricultural College at Amherst.
14—Dartmouth at Hanover, N. H.
21—Harvard at Cambridge.
28—W. P. I. at Amherst.
Nov. 4—Tufts at Medford.
11—Williams at Williamstown.
18—Cornell at Ithaca, N. Y.
25—Springfield at Springfield.

PRESIDENT BUTTTERFIELD SUNDAY CHAPEL SPEAKER

President Butterfield was the speaker at the first Sunday chapel of the year. He took his text from the second book of Kings; "The Lord opened the eyes of the young man and he saw." He said, "Insight is the supreme gift a college offers to its students. College should train us to get more out of life than a good time, to see the opportunities that are before us, to teach us the meaning of work, to teach us the meaning of broad fellowship, and to give us somewhat of a revelation of the eternal.

"Insight is the supreme gift that the college offers to its students. Insight is the power to see below the surface. To have insight is to understand the meaning of things.

"Some come to college for the discipline of mind that will give them power. Some think that a degree is a letter of distinction, but the assumption that the college man is in some way superior to the rest of the world is not warranted, for there are many very smart men that never went to college. Some men come to college merely to have a good time. When pleasure becomes a man's chief object in life, the man becomes a spendthrift and wastes both time and money. Some are thinking of the job that is at the end of the college career. Many go through life looking for a good time and are so troubled over the little things that they do not see the eternal things in life. The chief value of the college is to open the student's eyes. All the knowledge, power, distinction and pleasure that a man may get at college are small compensation if his stay there does not bring results.

"Insight opens the eyes of the man to the meaning of life itself. To millions of people life seems hard and rough and they rebel against the conditions that give ease and comfort to others. Others waste their time dissapating and dragging man and womanhood into the mire. Here in the mountain tops of experience one should see the far horizons of opportunity, and should see the resources of heaven that are at his disposal.

"The college training should open one's eyes to the meaning of work. Work is not a curse but almost the supreme good. When a man renders his best services for the sake of his fellow men he increases his own powers at the same time. Profit, wages, and salary should be factors in work, but service is of first importance.

"The college life should reveal the meaning of a broad fellowship. College brings to us the dignity of man, and shows us the real meaning of the labor struggles, which with all their faults are the essence of a new democracy. College gives man the passion of helpfulness to the common people largely because he is one of them. The beauties and the wonders of nature belong to the fraternity of the open eye.

"The four years of college should bring to us something of a revelation of the eternal. God is training men for a larger and a freer life. College should help us see the mind of God. The biggest and best that one can gain from this place, above all, is the opportunity to learn to see."

GOOD NUCLEUS OF MEN FOR CROSS COUNTRY TEAM

To Run W. P. I. Oct. 28. Track Team Loses Service of Captain Birchard.

Candidates for the cross country team were called out Monday, and judging from the men that have been training individually the past few days, the prospects for a winning team are good. Five men are lost to the team through graduation but their places will be filled by men who were ineligible last year. Carpenter, the winner of last year's inter-class cross country run and one of the most consistent point winners on the boards and in the spring track meets, will be able to run on the varsity this year. Lyons who is putting in his third year, and who has made a good showing in past seasons, will undoubtedly be at his best. Schwartz '18, is back once more, and if he shows any of his old form, he will make a valuable addition to the team. With these men as a nucleus and several others who ought to show up well, there are prospects for a team that will hold their own with any hill or dale team.

Manager Flint has but one definite date settled, that being with Worcester Tech. on Oct. 28 at Amherst. He is also trying to arrange a run with Williams to be run at Williamstown on the day that the football team plays Williams. The Inter-collegiates, which come the last of November will wind up the season.

The track team will this year be without the services of Captain J. Dixon Birchard of Springfield, as he failed to return. He was the highest point winner last season and his loss will be greatly felt. A new captain will not be elected until later in the season.

Manager Flint issues a call for candidates to report at the Drill Hall every day as near after 4 o'clock as possible.

FRESHMEN ELECT OFFICERS

Directly after assembly Wednesday, the class of 1920 held its first election, S. S. Smith, president of the junior class presiding. Fred V. Waugh of Amherst was elected president, Warren M. Dewing of Kingston vice-president, Miss Helen Millard of Great Barrington secretary, Ralph S. Stedman of Springfield treasurer, Ivan A. Roberts of South Lee class captain, and Starr M. King of Pittsfield sergeant at arms. The class historian will be selected by competition, the *Index* board to be the judges.

MUSICAL CLUBS PLANNING FOR ATTRACTIVE SCHEDULE

Trips to Boston and New York. Call for Candidates. Several Vacancies to be Filled.

Plans are well under way for the coming season in the musical clubs. Manager Lipshires is preparing for Christmas and Easter trips that will take the clubs to Boston and vicinity, also to New York. Besides these there will be a large number of dates in the towns about Amherst, thus completing a very satisfactory schedule. The trip to Boston during the Christmas recess will begin Dec. 20 and last through until the first of January. The tentative schedule includes dates at Falmouth, Haverhill, Somerville, Filene's Restaurant, Hingham, Hotel Somerset and Newburyport.

The management is especially desirous that a large number of men come out for places in the various musical clubs and the orchestra. Though the glee club lost several good men by graduation last June, leader Edwards has several likely candidates that will probably fill in the vacancies. Professor Bigelow of Amherst will again coach the Glee club. From pre-season appearances the mandolin club looks strong. However, there is room for several new men, especially those having ukeleles. W.C. Knipfer of Hartford has been engaged as coach.

The management is very urgent that a large number of freshmen report for practice. Though they will be ineligible until the third term, it is hoped that they can take part in the Easter trip to New York.

JUPITER PLUVIUS UNABLE TO BREAK UP RECEPTION

Y. M. C. A. Extends Welcome to Freshmen Despite Downpour.

Notwithstanding the fact that there was a driving rain on Friday night, a large number of freshmen and upperclassmen attended the Y. M. C. A. reception. Dana O. Merrill '17, of Pepperell, who is the president of the association, introduced President Butterfield, who gave a short address of welcome. Prof. Harold E. Robbins of the mathematical department explained the purpose of the work of the non-athletic association, and Francis G. Edwards '17, of Beverly, spoke in a brief manner of the increasing importance of the Musical and Dramatic clubs. Following this Richard W. Smith '17, of Pittsfield, described the work of the COLLEGIAN, the *Index*, and Aggie's humorous paper *The Squib*. David M. Lipshires '18, of Somerville, spoke on various undergraduate activities and clubs, and finally President Merrill brought before the men the present status of religious organizations at the college, urging the co-operation of the students in carrying out the plans of the association for social service work in near-by communities.

Cox Sons & Vining
72 Madison Ave., New York

Caps
Gowns
Hoods
for all Degrees

ROBES FOR JUDICIARY, CLERGY AND CHOIR

RAHAR'S INN
Northampton, Massachusetts
EUROPEAN PLAN
The Best Place to Dine
GOOD FOOD PROPERLY PREPARED
All Kinds of Sea Food
50-cent Luncheon from 11:30 to 2 p.m.
Special Dishes at All Hours
R. J. RAHAR, Prop.

To the Students of M. A. C.
Announcing that if the boys want to have their shoes tapped with the best quality of leather, drop in and see
J. GINSBURG
11½ Amity Street

The "Nonotuck"
HOLYOKE'S LEADING HOTEL
Club Breakfasts, 25c to 75c
Business Men's Luncheon, 60c
Sunday Table d'Hote Dinner, $1.25
GORHAM BENEDICT, Mgr.

For Greatest Satisfaction Use
DOUBLE SERVICE Automobile Tires
Guaranteed 7,000 Miles Service
Absolutely Puncturepoof
Double Service Tires are made double the thickness of the best standard make tires.
This 100% greater wearing surface naturally gives that much more mileage and service. The average of 12 miles of sound fabric and one inch surface tread rubber makes these tires absolutely puncturepoof.
These tires excel all others for use in the country over rough and rugged roads as well as on hard pavements. They are as easy riding and resilient as any other pneumatic tire—the air space and pressure being the same.
They are the most economical and "care free" tires made and are used where tires must be depended on and tire troubles cannot be tolerated. Many Double Service style tires are in use in the U. S. government and European War service.
Our output is limited to a certain amount, but for a short time we offer the following introductory special prices as an introductory offer:

Tires	Prices	Tires	Prices
30x3 in.	$ 8.60	$2.00	32x4 in.	$17.45	$4.05
30x3½ in.	10.55	2.10	32x4½ in.	21.70	4.60
32x3½ in.	12.75	3.30	34x4½ in.	22.05	4.75
31x4 in.	15.75	4.00	37x4½ in.	23.00	4.90
34x4 in.	16.70	4.05	35x5 in.	26.30	5.60

All other sizes not included in above list also furnished. Non-skids at 10% additional.
Terms: Payment with order at introductory prices, a 10% discount allowed on orders for two or more tires. All personal checks must be certified.
Try these tires now and be convinced of their very high qualities. Sold direct to the consumer only.
Descriptive folder upon request. Write for it.
Double Service Tire & Rubber Co., Akron, O. Dept.

COMMUNICATION

TO THE EDITOR OF THE COLLEGIAN:

I wish to take this opportunity to express to the student body my earnest desire that each and every one of them give their support to the Dining Hall this coming year. As you undoubtedly know, the Dining Hall is under an entirely new management which will do its utmost to make conditions the best ever. Believing that the food in past years has been the sore spot among the students, (and I write this believing that after a year's experience as assistant headwaiter I understand conditions pretty well), I wish to take this opportunity to explain to them that during the coming year all supplies will be purchased by Hutchinson '13 and myself, and we will see that nothing but the best shall be shipped to the college.

The college is trying to do its part and it now remains for the student body to get behind and boost. The more that eat at the Hall the less the board rate will be. Food stuffs and provisions have gone up tremendously in price during this summer and in order to offer a minimum rate of board a large per cent of the students must eat there. Above all they must not criticize. If you can't boost, do not say anything that will lower the estimation of the Dining Hall in the minds of your fellow classmates.

I am sure that Miss Kennedy, our new dietician, and Mr. Fairbanks, our new professional head-waiter, will see that the food is tastily cooked and served.

With the students' support they can make the Dining Hall an institution of which any college will be proud. It is up to you as a body to boost.

Yours in M. A. C.,
FRANK A. ANDERSON, '16.

APPLE PACKING SCHOOL

This morning saw the opening of the annual school of apple grading and packing at M. A. C. under the direction of W. D. Hurd, supervisor of short courses. Nearly thirty men are registered for the one week course which began at 10 A. M. with a discussion of the state apple grading law by Wilfrid Wheeler, state secretary of agriculture. Other demonstrations and lectures will be given throughout the week by professors from the department of pomology.

GRADUATE SCHOOL LECTURES

Professor Newlin of Amherst college will lecture before the graduate school of the Massachusetts Agricultural college, Wednesday afternoon, Oct. 4th at 4-30 in Clark hall. The subject of his lecture will be "The Ten Philosophies." This lecture is in a series of lectures to be given before the graduate school each week. Admission to this course of lectures will be free to students and officers of the college; the fee for those not affiliated to the college will be $1 for the term.

COLLEGE DOINGS OF THE 90'S

The following articles were taken from *Aggie Life*, the college paper during the nineties. These show that the problems of those days were similar to those we confront today:

"In view of the fact that students, especially freshmen, are liable to circulate among friends at home exaggerated reports of little incidents common to college life, a few words of warning may be timely. In the first place, that students have a wonderful capacity for manufacturing stories, any one acquainted with college life well knows; and furthermore the student often finds it necessary in relating the circumstances to use his ingenuity in enlarging upon the episode. While in many cases these little incidents would be forgotten, occasionally a person receives from them a wrong impression which may result in serious consequences. So let us be on the safe side, and in our conversation and correspondence restrict ourselves to what can have no possible tendency to injure the good name of our institution."

It may also be interesting to note that it was once a custom at Aggie to stage a cane rush, but the practice was abandoned for good and all by the classes of '96 and '97. Commentiug on this action *Aggie Life* Sept. 20, '93, says:

"It certainly speaks well for Aggie that such is the character of the two lower classes that a re-establishment of the barbarous cane rush is now impossible. The annual cane rush at Amherst College, * * * was a good object lesson to any one interested in our educational institutions to see fainting, exhausted men hurled headlong from out of masses of 200 or more excited rushers. The violence and brutality shown at that contest were no inducements to the re-establishment of this half civilized custom at M. A. C."

The classes of '96 and '97 engaged in a rope pull which was won by the class of '96, with the result that pieces of rope decorated the rooms of the successful sophomores

ROPE PULL POSTPONED

Wet weather, weak rope, and a postponement featured the sophomore-freshman 60 man rope-pull attempt last Friday afternoon. Both classes were ready to start at 4-15 and dispite the drizzle, a fair crowd assembled to watch the annual affair. Hardly had the pull started, however, when the rope parted near the middle and both sides went back for gains. The rope was carried across the pond and tied but broke again in the next attempt, resulting in an indefinite postponement of the affair.

'10.—Mr. and Mrs. Frank H. Partridge are receiving congratulations on the birth of a daughter, Esther Mae, Sept. 1st.

ONE OF CAMPION'S COLLEGE STORES

We are sole agents for the Reversible Collar Campion Custom Made Shirts, made especially for college men, from **$1.50** to **$6.00.**

Crofut & Knapp, also Chase of New Haven Hats, from **$3.00** up.

THE ENGLISH AQUASCUTUM COATS

Ready-to-wear Clothes for young men from Atterbury System Fifth Ave., from **$22.00** up.

Made-to-your-measure Clothes, from **$25.00** up.

Mr. Campion personally superintends to fitting in this department and is an expert in the business.

ONE OF THE BEST CUSTOM TAILORING DEPARTMENTS IN THE STATE

ONYX HOSIERY MARK CROSS GLOVES KNOTHE BELTS

CAMPION'S COLLEGE STORE At Amherst

—Come to us for—

Fireplace Goods, Coat and Trouser Hangers

Ever Ready Flash Lights and Paint

Clothes and Shoe Brushes

Anything in Hardware and Cooking Utensils

Always glad to see you.

THE MUTUAL PLUMBING & HEATING CO.

Burpee's Seeds Grow

FOR forty years we have rendered faithful service. For forty years we have tried to make each year's service more nearly ideal. This untiring effort has built for us not only The World's Largest Mail Order Seed Business, but also a World Wide reputation for Efficiency and undisputed leadership. The Forieth Anniversary Edition of **Burpee's Annual,** *the* **"Leading American Seed Catalog"** is brighter and better than ever. It is mailed free. A postcard will bring it.

W. ATLEE BURPEE & CO., Seed Growers,
Burpee Buildings Philadelphia

Page's Shoe Store
Largest Stock—Lowest Prices
Expert Repairing—Best leather used

JACKSON & CUTLER
—DEALERS IN—
Dry and Fancy Goods and Choice Family Groceries

THE MASSACHUSETTS COLLEGIAN

Published every Tuesday evening by the Students of the Massachusetts Agricultural College.

BOARD OF EDITORS.

RICHARD W. SMITH '17, Editor-in-Chief
MARSHALL O. LANPHEAR '18, M'ging Editor
MILFORD R. LAWRENCE '17, Assistant Editor
WILLIAM SAVILLE, JR. '17, Alumni Editor

ASSOCIATE EDITORS.

JOHN T. DIZER '17
JOSEPH F. WHITNEY '17
FRANK J. HINKS '18
NATHAN W. GILLETTE '18
EDWARD N. MITCHELL '18
ELIOT M. BUFFUM '19
MYRTON F. EVANS '19

BUSINESS DEPARTMENT.

MERRILL P. WARNER '17, Business Manager
JAMES C. POWELL '18, Assistant Business Manager
BIRGER R. ROSEQUIST '18, Advertising Manager

Subscription $1.50 per year. Single copies, 5 cents. Make all orders payable to **Merrill P. Warner.**

In case of change of address, subscribers will please notify the business manager as soon as possible.

Entered as second-class matter at the Amherst Post Office.

Vol. XXVII. Tuesday, Oct. 3. No. 1

The COLLEGIAN board regrets to announce the resignation of Elliott Henderson '17, of Hingham, and George C. Campbell '19, of Baltimore, Md., who have left college. John T. Dizer '17, of East Weymouth has been elected to fill the vacancy on the editorial staff, but as yet no action has been taken toward choosing a new circulation manager.

WELCOME freshmen! You undoubtedly come to "Old Aggie" in a state of expectancy;—expecting to find here an institution where you may profitably spend four of the most important years of your life; expecting to make here friendships true and strong, that will be a help and inspiration to you throughout your later years; expecting to develop here your spirit, mind and body, that you may be successful men of character—leaders—in the years to come. These things are yours at "Old Aggie" but, like all good things, they cost something. You will not be disappointed in your expectations if you will do your share, if you are willing to pay the price. The college expects something of you in return. Last spring the college graduated a class of leaders; leaders in college activity, and leaders scholastically. Can we look to you to some day fill their shoes? By getting down to business with your studies you will make the right kind of start. Then should follow your active participation in college activities, without which you cannot develop to your greatest possibilities.

Welcome, freshmen, for your sake and ours. Boost "Old Aggie" and "Old Aggie" will boost you!

'94.—Louis M. Barker, custodian of vaults, real estate department, Room 579, South Station, Boston.

ABOUT THE CAMPUS

A seven acre piece known as the Dickinson Leonard land directly south of the athletic field is the latest addition to the college property. It is to be used as a part of the general recreation grounds of the college and is of great value for that purpose, especially so, since, but for the interest of two friends of the college it would have been sold to other parties long ago.

Through the direct influence of Dr. Wellington, the day the college option on this seven acre piece ran out, J. F. Dickinson ex-'85 and E. F. Leonard were interested in the land and took over the option, having held the land for the college since then. This summer money was available to take it over and it is now college property.

A half acre of land on East Pleasant street, directly across from the orchard is another addition small in size but important in that it its 146 feet front gives the college an unbroken frontage on that street.

The much talked of Mt. Toby land is soon to become the actual property of the college. Surveyors have been working there all summer and within a few weeks now the tranfer will be complete.

1500 tons of coal will be the storage capacity of the new coal pocket at the power plant when the retaining wall is completed.

The contract for the new rural engineering building, back of Stockbridge hall, calls for completion by Oct. 1st, and the building will be ready for classes soon after that. The new microbiology building will also be ready in a few weeks.

During the summer the grounds department has not been idle as a look at the ravine will show. It is the object of the department to make this hitherto unvisited section one of the campus beauty spots and "Lovers Lane" is a good beginning. Shrubs and perennial beds around the south end of the pond are also results of the grounds department's work.

Another important improvement from the senior point of view is the large "1917" set in the campus walk near the south end of the pond.

MOVIES SATURDAY

Aggie stu'ents will be offered an unusually good program of motion pictures in Stockbridge auditorium Saturday evening when the social union committee plans to show two five-reel feature films. Inasmuch as a ban has been put on the town hall show until after Oct. 11, the students have here a good opportunity to see good pictures at the usual price of ten cents.

'99.—E. H. Sharpe is now in the grocery business in Frederick, Md. Mr. Sharpe reports himself to be in the best of health, and as prospering in a business way.

DRILL ANNOUNCEMENTS

The outline for the drill this fall is practically the same as in previous years except that on account of the change in the length of terms military training will probably continue until the Christmas recess. The freshmen companies will be drilled in close and extended order, as will the upper-classmen as a preliminary to the regular work assigned to them. This latter will consist of field exercises pertaining to scouting, advance and rear-guard problems and outpost duty for the sophomore companies, while the juniors will have gallery practice followed by shooting on the range.

A law that was passed last August, but which, on account of some details that have not been worked out as yet, will not go into effect until next fall, will change the aspect of military drill in land-grant colleges. Briefly it means that the college will become a military one, the full soldier's equipment being furnished by the government for each cadet, and a certain amount of pay given to the men. It will also provide an officer's training corps in the college.

The military department, under Captain Fleet, has made the following appointments for the ensuing year:

Colonel, Oliver S. Flint '17; Majors, Walter A. Mack '17 and Lewis T. Buckman '17; Captains, Albert B. Loring '17, W. Raymond Irving '17, Lincoln D. Kelsey '17, William Saville, Jr., '17, Philip R. Babcock '17, Charles H. Hagelstein '17; Monsell H. Davis '17, Leland J. Graham '17 and Harold B. Pierce '17 as adjutant. First Lieutenants: John H. Chapin '18, Theodore H. Reumann '18, L. W. Adams '18, Walter F. Rutter '18, John B. Minor, Jr. '18, Nathan W. Gillette '18, George F. Holmes '18, Ralph W. Hurlbut '18. Second Lieutenants: Sidney S. Smith '18, Deane W. Sanborn '18, Milton B. Gray '18, Max S. Marshall '18, Fred B. Sampson '18, Hamilton K. Foster '18; William S. Sawyer '18 and Edward N. Mitchell '18.

SOPHOMORES RAISE HAVOC WITH 1920'S NIGHT-SHIRTS

Nineteen night-shirts or portions thereof, some of them all wool but the buttons, were all that were left Thursday evening when the roll was called up yonder in the roped off area on Freshman Field after the first contest of the kind ever held on this campus. According to new rules, the two lower classes formed concentric circles, drop-the-hanky fashion, the sophomores on the outside looking in, the frosh on the inside staring out. A plain quadrille stunt lasting some seconds after the opening gun, then the ring-around-the-rosy changed to a real mix-up lasting three minutes, and there was ripping and tearing of wool, resulting in a quiet but decisive victory for the plain-clothes men.

Hotel Warren
South Deerfield, Mass.
T. J. AHERN, MANAGER

"BIDE-A-WEE"
Creamed Chicken and Waffles
Our Specialty—And other good things to eat
MRS. L. M. STEBBINS,
Middle Street, Tel. 415-W Hadley, Mass.

UNITY CHURCH
NORTH PLEASANT ST.
A Church home of the liberal Faith, where every student will meet with a cordial welcome.
REGULAR SUNDAY SERVICE AT 7 P. M.

FLEMING'S SHOE STORE
Northampton

College Stationery
With Class Numerals.
Magazines, Newspapers and Fountain Pens
A. J. HASTINGS
Newsdealer and Stationer

FLOWERS AND PLANTS
Grown by the Floricultural Dept.
We offer our surplus stock of cut flowers and plants at reasonable rates to students and faculty. This stock is grown in modern houses under ideal conditions. Roses, carnations, violets, chrysanthemums and sweet peas in season.
GROWN ON THE CAMPUS
Telephone 200

DE LAVAL
Cream Separator Supremacy
38 YEARS of LEADERSHIP
OVER 38 years of experience and thousands of tests the world over have demonstrated the De Laval to be the only thoroughly clean skimming cream separator. Superior construction throughout makes possible greater capacity, cleaner skimming and a heavier cream than can be secured with any other machine.
The driving mechanism of the De Laval is perfectly oiled and the bowl runs at slow speed, all of which is conducive to the long life of the machine. A De Laval will last from 15 to 20 years, while the life of other cream separators averages from 5 to 5 years. Not a year goes by but what some improvement is made in De Laval machines, and no stone is left unturned by the De Laval company to insure to every De Laval user the greatest possible service from his machine.
More De Lavals are sold every year than all other makes combined, and De Laval users are satisfied users—not only when the machine is new but during the many years of its life.
The De Laval Separator Co.
165 BROADWAY NEW YORK
29 E. MADISON ST. CHICAGO

Y. M. C. A. ANNOUNCES POLICY OF ASSOCIATION

At a special meeting of the Y. M. C. A. cabinet held the Tuesday before college opened, several fundamental questions concerning the policy of the association for the coming year were discussed. The various chairmen of committees also stated their policies for this year's work.

In order that there might be no misunderstanding concerning membership in the association, considerable time was spent on this question. Finally it was decided that the basis of membership which already existed but which was not clearly understood should be the one to stand. This basis is the one called for in the Constitution for College Christian Associations as published by the international committee of Young Men's Christian Associations. The following quotations are taken from Article III. Sections 1 and 2 of the above constitution, which has to do with the matter of membership:

"Section 1.—Any man of good moral standing, either student or member of the faculty, is entitled to general membership in the association, and may be elected by a two-thirds vote of the members present at any meeeting."

"Section 2.—The active membership of the association shall consist of those of the general membership who are members in good standing of evangelical churches or accept Jesus Christ as he is offered in the Holy Scriptures as their God and Saviour and approve the objects of the association. Only active members shall have the right to vote, and only active members who are members of evangelical churches shall be eligible for (elective) office."

Both sections are practically self-explanatory; the view of Christ referred to in Section 2 is merely another way of saying that to members accepting such a view, hold Him to be divine. This view is very clearly explained by Dean Brown of Yale theological school in an article in the October issue of the *North American Student*, under the title of "Who is Jesus Christ." A copy of this is in the library.

As was explained at the freshman reception, membership tickets will be issued to all general members whether active or not. The holder of such a ticket will be granted the ordinary privileges granted to any city association upon the presentation of the same.

In the near future, a systematic canvass of those who have already stated in the college records that they are members of evangelical churches will be made; all others not included in this group who are not desirous of becoming general or active members should speak to any one of the officers of the association.

As other decisions reached at this conference will be published from time to time, it would be well for those interested in the program of the association to follow the COLLEGIAN closely.

FACULTY LIST HAS SEVERAL CHANGES FOR COMING YEAR

The opening of the new college year finds many changes in the faculty list. Several of the instructors have resigned since June. Among these are:

Harold E. Baldinger, instructor in dairying.
Frank N. Blanchard, instructor in zoology and geology.
Frances E. Boynton, clerk, division of agriculture.
Phyllis J. Cogswell, stenographer, extension service.
Sidney B. Haskell, professor of agronomy.
Esther L. Houghton, clerk, graduate school.
Orion A. Morton, extension professor of agricultural education.
Ralph W. Rees, extension instructor in pomology.
Henry E. Smith, assistant professor of English.
Raymond G. Smith, assistant in botany.
George E. Stone, professor of botany.

Vacancies caused by these resignations and new positions created have been filled as follows:

Windom A. Allen, assistant chemist.
Stanley C. Ball, instructor in zoology.
Evelyn Brewster, clerk, president's office.
Llewelyn L. Derby, assistant in department of physical education.
Hazel Dewar, stenographer, division of agriculture.
Marion F. Dondale, clerk, graduate school.
Harry D. Drain, instructor in dairying.
George L. Farley, supervisor of junior extension work, 31 Lincoln avenue.
Katherine L. Fenton, stenographer, department of dairying.
Margaret T. Gaskell, stenographer, office of the dean and registrar.
Charles H. Gould, field agent.
Ethel L. Kennedy, clerk, extension service.
Austin D. Kilham, extension instructor in pomology.
George W. Martin, instructor, botany.
Joseph Novitski, assistant in rural sociology.
Charles H. Patterson, assistant professor of English.
Philip W. Payne, assistant in English.
George F. Pushee, shop assistant, rural engineering.
Everett H. Rucker, instructor in poultry husbandry.
Ralph M. Rutledge, instructor in agricultural economics.
John T. Wheeler, assistant professor of horticulture.

Prof. Fred C. Sears, head of the pomology department has been granted leave of absence until January 1, 1917. He is spending this time in observing the larger fruit farms throughout the United States. Frederick A. McLaughlin has been granted a one year leave which he will use in botanical study at the University of Chicago.

'15.—"Sty" Farrar was recently married to Miss Mildred Grout of Springfield and, after a short wedding trip, expects to live in Florida.

ESTABLISHED 1802
STEPHEN LANE FOLGER, Inc.
MANUFACTURING JEWELERS
180 BROADWAY, NEW YORK
CLUB AND COLLEGE PINS AND RINGS
GOLD, SILVER AND BRONZE MEDALS

JOHNSON BOOK CO.
Agricultural Books and Filing Cases
BABBITT & WOODWORTH
Alpha Sigma Phi House

F. A. SHEPARD
MEN'S STORE
Shoes Hats Furnishings
Local Agent for
E. V. PRICE CO., LAMM CO., BROWNING, KING & CO., Custom Tailors
OUR DISCOUNT TICKET SAVES YOU 5%

M. A. C. STATIONERY
New Design with (Aggie) Seal Enclosed
SELLS AT SIGHT
HENRY ADAMS & CO.
THE REXALL STORE
On the Corner

More Feed Per Acre
The cost of producing meat or milk would be much less if it required less acres to produce the feed.
Both the *quantity* and *quality* of the feed improve when the right plant foods are used to supplement the manure and clover. They improve enough to yield a *handsome profit* on the expenditure.
The right plant food includes enough
POTASH
in available form. Supplement the manure and phosphate with 50 to 100 pounds of Muriate of Potash, or 200 to 400 pounds of Kainit, per acre, and you will raise big corn and fine clover after the grain and at the same time improve the fertility of the soil.
Try Potash salts alone on the swamp land pasture and note the clover and good grasses crowd out the wild hay. Write us for prices of Potash, one load up.
GERMAN KALI WORKS, Inc., 42 Broadway, New York
Chicago, McCormick Block New Orleans, Whitney Central Bank Bldg.
Atlanta, Empire Bldg. San Francisco, 25 California St.

E. B. DICKINSON, D.D.S.
DENTAL ROOMS
Williams Block, Amherst, Mass.
Office Hours: 9 to 12 a. m., 1-30 to 5 p. m.

WEBSTER'S STUDIO
Everything in Photography
GROUPS A SPECIALTY
Good work speaks for itself.
NASH BLOCK, AMHERST, MASS.

AMHERST BOOK STORE
Note Books Fountain Pens
Agents for Rex Typewriter
F. M. CURRAN C. F. DYER

STUDENT FURNITURE
RUGS
CARPETS
Largest assortment in New England of Special Student Furnishings.
LOWER EXPENSES Enable us to offer an absolute lower price.
AMHERST FURNITURE AND CARPET ROOMS
E. D. MARSH ESTATE

TO THE MAN WHO WANTS
FASHIONABLY TAILORED GARMENTS
I offer in my high-class tailoring a combination that is irresistible.
Style—That is at once metropolitan and in the best of taste.
Fit—That is perfect, for I use the best designing and fitting system available.
Quality—That is far above the average, for I use only the finest imported and domestic fabrics.
Price—That will pleasingly surprise you by its moderation.
Buy or Rent your Cap and Gown NOW
FULL DRESS SUITS TO RENT FOR ALL OCCASIONS
Pressing Cleaning Dyeing Repairing
GENTS' FURNISHINGS
11 Amity St. **LABROVITZ** Telephone

COPLEY SQUARE HOTEL
Huntington Ave., Exeter and Blagden Sts., Boston, Mass.
Headquarters for College Men when in the city.
JOHN HOWARD LACY, Prop.

Carpenter & Morehouse,
PRINTERS,
No. 1, Cook Place, Amherst, Mass

The Holyoke Valve & Hydrant Co.
Jobbers of Wrought Iron and Brass Pipe, Valves and Fittings for Steam, Water and Gas, Asbestos and Magnesia Boiler and Pipe Coverings, Pipe Cut to Sketch, Mill Supplies. Engineers and Contractors for Steam and Hot Water Heating, Automatic Sprinkler Systems, Boiler and Engine Connections. Holyoke, Mass.

BECKMAN'S
Candies and Ice Cream
"HAMP"

S. S. HYDE
JEWELER & OPTICIAN
Now at 13 Pleasant St.
Oculists' Prescriptions Filled. Broken Lenses Accurately Replaced. Fine Watch Repairing Promptly and Skilfully Done.
Satisfaction Guaranteed

—JOIN THE BUNCH AT—
EPSTEIN'S TAILORING PARLORS
Now located over post office. Up one flight
Pressing and Cleaning a Specialty
Liberal Ticket System Tel. 36-M

The Highland Hotel
Corner of Hillman and Barnes Streets, three blocks from the Union Depot, is a modern hostelry run on the European Plan. It is just a step from Main Street, away from the noise and dust and yet in the center of the business district.
Its rooms are well furnished and comfortable, having a telephone and hot and cold running water in every room. Prices $1 and up; rooms with bath (single) $1.50 and up.
Its excellent cuisine and well ventilated dining room makes a meal a pleasant memory—everything of the highest quality, well cooked and served in the best possible manner.
Stay at the Highland Hotel once and you will anticipate staying there again. Music every evening
D. H. SIEVERS,
Highland Hotel, Springfield, Mass.

FRESHMAN SQUAD HARD AT WORK UNDER COACH GORE

Not Exceptionally Heavy, but Fast—Over Twenty Candidates Out for Positions.

For the past two weeks candidates for the freshman class football team have been working out under the direction of Coach Gore. Evidence of the interest the men are taking in their work in furnished by the fact that several reported for practice during the week before the opening of college. The squad now numbers over twenty men, most of whom have had a good deal of previous experience in the game.

The team will not be extraordinarily heavy, but it will be fast. Coach Gore expects to build up an exceptionally good backfield, with Bacon and Ball the leading candidates for quarters; Gray, Hurd, Mallon, and Vigezzi, halves; and Cande, Dewing, and Gorman, full. The kicking department will be "the best ever." Bacon, Dewing and Gorwaiz are showing up finely at punting and drop kicking, while the former and Vigezzi are throwing forward passes in the most approved manner.

The squad now includes the following men, although it is expected that a few late arrivals will report this week: Bacon, Ball, Bauker, Cande, Carleton, Crawford, Dewing, Fuller, Gorwaiz, Gray, Harrington, Hurd, King, Lent, Lothrop, Mallon, Maynard, McGeorge, McNulty, Readio, Simmons, Talmage and Vigezzi.

The five game schedule arranged by Manager Chambers will provide some hard contests for the freshmen, and those on the campus are expected to provide good substitutes for the varsity games. The schedule:

Oct. 7—Suffield school at Suffield.
Oct. 14—Hartford high at M. A. C.
Oct. 21—Worcester North high at M. A. C.
Oct. 28—Monson Academy at Monson
Nov. 2—Holyoke high at M. A. C.

SEVERAL CHANGES MADE IN SYSTEM AT DINING HALL

Under a new management the college dining hall appears to be entering upon a most satisfactory season. Miss Ora L. Kennedy a graduate of Simmons college, the manager, comes here from ten years of experience in running the college commons at Lewiston, Idaho. Mr. Charles Fairbanks, a professional head waiter, recently of the Quincy House, Boston, has charge of the general service. With this management and the new system of hour pay for waiters good food and service is assured. As in previous years the policy is to run the hall for the benefit of the students, at cost. There are at present 325 students eating there. The capacity of the hall is 450 students, which leaves room for many more to get the benefits of eating at Draper hall.

FIRST ASSEMBLY

[Continued from page 1]

In closing, President Butterfield asked for student cooperation in carrying out the rules laid down by the Amherst Board of Health in the infantile paralysis scare. Even minor ailments must be reported to Physical Director Hicks at once, and students are asked to refrain from attendance at the local "movies" and to remain in Amherst until after Oct. 11.

DOES COLLEGE LIFE PAY?

The following extract taken from the *Christian Register* briefly gives opinion of the value of college life. Dr. Edward Everett Hale when asked 50 years after his graduation to write a paper on "How I was educated", said of his college life:

"The good of a college is to be had from the fellows who are there and your association with them. With a small circle of admirable friends of whom the world is by no means worthy, and to a less degree in the various clubs, even in the much abused debating societies, I picked up a set of habits and facilities for doing things one has to do, for which I am very grateful to Harvard college. I disliked the drudgery of college life through and through. But, none the less, I ought to say, that I do not believe that any life outside of college has been yet found that will, in general, do so much for a man in helping him for this business of living. I could get more information out of Chamber's Encyclopaedia than any man will acquire, as facts, by spending four years in any college. But the business of changing an unlicked cub into a well trained gentleman is, on the whole, more simply and certainly done in a good college than anywhere else."

1907 ALUMNI NOTES

A class reunion will be held at the time of the celebration of the 50th anniversary of the college next year. Watts, Chapman, Higgins and King will be in charge.

G. H. Chapman received the degree of doctor of philosophy from the college last June.

The addresses of W. F. Chace and R. P. Pray, a non-graduate, are incorrect as given in the Alumni Register published by the college last spring. The class secretary will be pleased to learn where these men are located.

A child, Marilynn, was born to Mr. and Mrs. M. H. Clark, Jr., at Buffalo, N. Y., on July 26, 1916.

Charles Morton Parker and Miss Edith Stickney were married at Stratham, N. H., on Aug. 9, 1916. They are living at their new home, Orchard Farm, at Fiskdale, Mass.

Manager J. F. Eastman of the Broome County (N. Y.) Farm League is leading a fight of the dairy farmers of that section against the milk dealers of New York City for an advance in the price of milk. A boycott is to be started unless the dealers acquiesce.

THE ENTERING CLASS

[Continued from page 1]

Bauker, Carroll W., Somerville.
Burnett, Paul L., Leicester.
Borus, Allen M., Taunton.
Cande, Robert P., Pittsfield.
Card, Ralph H., Somerville.
Carleton, John F., East Saudwich.
Chase, Francis C., Royalston.
Clarridge, Fred W., Milford.
Clough, Alfred A., Wollaston.
Cole, Frederick E. Jr., South Portland, Me.
Crafts, Gordon B., Manchester.
Crawford, Alexander G., Waverly.
Crawford, John A., Allston.
Daggett, Cliuton J., Albany, N. Y.
Davenport, Frank S., Dorchester.
Davidson, Donald G., Amherst.
Davis, Orrin C., Belchertown.
Delahunt, Jno. K., Dorchester.
Derrick, Glendon R., Clinton.
Dewing, Warren M., Kingston.
Dixon, Harry L., Harrisville.
Doucette, Charles F., Melrose.
Douglass, Donald C., Arlington.
Farley, Miss Marion E., West Newton.
Eldredge, Reuel W., Winchester.
Farnsworth, Richard W., Lancaster.
Fuller, Lorenzo, Lowell.
Golosov, James O., Roxbury.
Gorwaiz, Richard H., Newburyport.
Graff, Leland S., Reading.
Graves, Carlisle F., Stamford.
Gray, Irving E., Woods Hole.
Gustafson, William N., Worcester.
Hale, Frank T. C., Byfield.
Hamlin, Hazen W., Amherst.
Harrington, Harold L., Luuenburg.
Haskins, Harold, North Amherst.
Hathaway, Richmond H., Warren.
Hathaway, Warren S., Somerset.
Hersom, Allen, Acushnet.
Higgs, Jno. A., Wareham.
Hill, John F., Egypt.
Hill, Roy W., East Conway, N. H.
Hill, Theodore, Jefferson Valley, N.Y.
Hillabold, Chas. K., Syracuse, Ind.
Holland, F. Harold, Shrewsbury.
Holloway, Jno. W., Taunton.
Horne, Robert S., Wellesley Farms.
Hurd, Davis A., Wellesley Hills.
Hurd, Gordon K., Millbury.
Hyde, Kenneth S., Amherst.
Iorio, Carl, Northampton.

The Smoke of the Active!
There's one fashion that never changes—the refreshing, wholesome, youthful, spirited fashion of "rolling your own" for a lively smoke with good old "Bull" Durham.
In no other way can you get a cigarette so fresh and fragrant, so full of vigor, energy and action. The man who "rolls his own" with "Bull" Durham has the taste of a connoisseur.
GENUINE
"BULL" DURHAM
SMOKING TOBACCO
The wonderful mildness of "Bull" Durham sets it apart from all other tobaccos, and its unique mellow-sweet flavor gives distinctive enjoyment to a cigarette.
"Bull" Durham is made of "bright" Virginia-North Carolina leaf—the choicest that grows. It is smooth, rich, most satisfying — and mild.
Start "rolling your own" with "Bull" Durham *now*, and you'll put yourself on the one *right* road to genuine smoking satisfaction.

- WELCOME -
1920
Come in and let us help you get started RIGHT
We have the largest stock of young men's clothing we have ever shown.
You know the kind Hart Schaffner & Marx make.
All our haberdashery is of the best and our prices are always the LOWEST.
Ask any upper-class man about
SANDERSON & THOMPSON

School and College Photographers . . .
White Studio
LOCALLY: 52 Center St., Northampton, Mass., and South Hadley, Mass.
MAIN OFFICE: 1546-1548 Broadway, New York City
These Studios offer the best skilled artists and most complete equipment obtainable

E. FRANK COE FERTILIZERS
The Business Farmer's Standard for Over 55 Years
RELIABLE AGENTS WANTED
Write to Local Agency Manager
THE COE-MORTIMER CO.
51 Chambers St., New York City

Johnson, Alberta, Old Westbury, L. I., N. Y.
Johnson, Conrad J., Campello.
Jones Edson T., Roslindale.
Jones, Robert L., North Easton.
Keene, Walter W., Roslindale.
King, Starr M., Pittsfield.
Lambert, Richard B., Gleasondale.
Lent, Donald, Maynard.
Levine, Maurice E., Sherborne.
Liudquist, Harry G., Holden.
Littlefield, John E., Lynn.
Lothrop, Earl D., West Bridgewater.
Luce, William A., West Boylston.
Lyons, Henry E., Rockland.
Macleod, Guy F., Lowell.
Mallon, Chas. H., East Braintree.
Mangum, Andrew B., Holyoke.
Maples, James C., Port Chester, N.Y.
Martin, Lawrence P., Malden.
McDonald, Miltou C., Peabody.
McGeorge, Wm. B., Greenwich, Conn.
McNulty, Raymond P., Amherst.
Meserve, Albert W., Framingham.
Millard, Helen, Great Barrington.
Murray, Harry A., Jr., Raynham Center.
Newell, Philip S., West Newton.
Oppe, Herman de W., Sandy Hook, Conn.
Ortloff, Henry S., Ludlow.
Paige, Joseph C., Hardwick.
Parkin, Wm. H., West Springfield.
Peckham, William H., Newport, R.I.
Phillips, S. Austiu, Pittsfield.
Plowman, George T., Jr., Boston.
Porteck, H. George, Lowell.
Putnam, Fred H., Natick.
Quadland, Howard P., North Adams.
Readio, Philip A., Florence.
Redding, George K., Melrose.
Reed, Morris, Worcester.
Richards, George H., Springfield.
Richardson, Mark M., North Dana.
Roberts, Ivan A., South Lee.
Robertson, Wm. F., Framingham.
Sanborn, Joseph R., No. Amherst.
Sandersou, Ralph H. Waltham.
Schandelmayer, Ralph E., Marlboro.
Scott, Clifton W., Buckland.
Shaughnessy, Howard J., Easthampton.
Silverman, Joseph, Dorchester.
Simmons, Lester W., Dighton.
Smith, Donald H., Pittsfield.
Smith, Fred G., Otter River.
Smith, George A., Whitiusville.
Smith, Herbert T., Quincy.
Smith, Raymoud A., Maynard.
Smith, Raymond N., Plainville.
Smith, Susan A., Great Barrington.
Snow, Jno. D., Arlington.
Steecie, Curtis, Brighton.
Stedman, Ralph S., Springfield.
Stiles, Wm. B., Great Barrington.
Sullivau, Walter M., Lawrence.
Sumner, Ralph H., Springfield.
Talmage, Harry J., Great Barrington.
Taylor, Elliot H., Shelburne Falls.
Taylor, Thornton G., Waban.
Torrey, Converse H., Hoosick Falls, N. Y.
Turner, Alfred W., Havana, Cuba.
Urquhardt, John W., East Walpole.
Vigezzi, John, Great Barrington.
Vigezzi, Mary, Great Barrington.
Ware, Mason, Malden.
Waugh, Fred V., Amherst.
Webster, Milton F., Malden.
Willis, Maude E., Amherst.
Woodward, Ralph, Jr., Grafton.
Wright, Kenneth G., Arlington.
Wright, Stuart E., Taunton.

The Massachusetts Agricultural College

Offers courses of instruction in twenty-seven teaching departments, which embrace the study of

Agriculture, Horticulture, Science, Humanities and Rural Social Science.

A student may specialize in the following subjects:

Agriculture
Agronomy
Animal Husbandry
Dairying
Poultry Husbandry
Rural Journalism
Floriculture
Forestry
Landscape Gardening
Pomology
Agricultural Chemistry
Agricultural Economics
Economic Entomology
Microbiology
Economic Botany
Agricultural Education
Rural Social Science

For complete catalog and illustrated booklet, write

KENYON L. BUTTERFIELD, PRESIDENT
AMHERST, MASS.

COLLEGIAN DIRECTORY

Associate Alumni,	C. A. Peters, Secretary
Joint Committee on Intercollegiate Athletics,	H. M. Gore, Secretary
M. A. C. Athletic Field Association,	C. S. Hicks, Treasurer
Non-Athletic Association,	H. E. Robbins, Manager
The College Senate,	S. W. Hall, President
Football Association,	R. L. Holden, Manager
Baseball Association,	A. W. Spaulding, Manager
Track Association,	D. A. Ricker, Manager
Hockey Association,	M. R. Lawrence, Manager
Basketball Association,	N. Moorhouse, Manager
Rifle Club,	H. Aiken, President
Roister Doisters,	J. T. Nicholson, Manager
Musical Association,	F. A. Anderson, Manager
Nineteen Hundred Sixteen Index,	L. E. Fielding, Manager
Nineteen Hundred Seventeen Index,	F. W. Mayo, Manager
Nineteen Hundred Eighteen Index,	K. L. Messenger, Manager
M. A. C. Christian Association,	D. O. Merrill, President
M. A. C. Catholic Club,	E. L. King, President
Fraternity Conference,	C. H. Gould, President
Stockbridge Club,	M. J. McNamara, President

There are Seven Good Reasons why youshould buy your
COAL
OF
C. R. ELDER

WOODWARD'S LUNCH
27 Main St., Masonic Bldg., Northampton, Mass.
Lunches, Soda, Ice Cream
Closed only from 1 A. M to 4 A. M

The Connecticut Valley Street Railway
From Amherst, via Northampton, through the Hatfields, past the foot of Sugar Loaf Mt., alongside the famous Bloody Brook battle ground to Old Deerfield, thence to Greenfield, Turners Falls and across the "Plains" to Lake Pleasant, Montague and Millers Falls.
50 Miles of Trackage—Modern Equipment—Train Dispatching System—Freight and Express Service over entire line.
Connecticut Valley Street Railway Company

Jacob Reed's Sons are the leading manufacturers of
UNIFORMS
For college and military schools, and have won and maintain their prestige by sheer merit. The uniforms worn at Massachusetts Agricultural College are finished examples of our product.
JACOB REED'S SONS,
Makers of "Gold Medal Uniforms."
1424-1426 Chestnut St., Philadelphia, Pa.

FOUNTAIN PENS
Moore's Swan's
Waterman's
Thirty-six dozen pens to select from.
—OUR RULE—
"Satisfaction guaranteed or money refunded."
DEUEL'S DRUG STORE

COLLEGE SHOES
We carry the largest stock in the state outside of Boston.
MODERN REPAIR DEPT.
E. M. BOLLES
THE SHOEMAN

CARS
Leave AGGIE COLLEGE for HOLYOKE at 15 min. past the hour.
CARS
Leave AMHERST for AGGIE COLLEGE at 7 and 37 min. past the hour.
Special Cars at Reasonable Rates
AMHERST & SUNDERLAND ST. RY. CO

THE TERPSY PARLOR
Cleaning Pressing Repairing
Quickest service, Best Work, Lowest Price
All work carefully done. Work called for and delivered. Gents' overcoats, suits, pants and coats. Ladies' fine linen suits a specialty. Teams will call every day at M. A. C.
WM. FRANKLIN, Prop.
Rear Nash Bl'k, Amherst. Tel. No. 324

Amherst CO-OP LAUNDRY
High-Grade College Work

Shirts,	10-15c
Collars,	2 1-2c
Cuffs,	2 1-2c
Plain wash,	45c per doz
Same, rough dry,	30c per doz

DRY CLEANING AND PRESSING
Steam Pressing 40c, 3 Suits for $1.00
Dry Cleaning and Pressing, $1.50 a Suit
All bills payable at Troop, Store and parcels left there will receive prompt attention.
GRAYSON '17, Agent
HIGGINBOTHAM '17, Asst. Agent

THE MASSACHUSETTS COLLEGIAN

MASSACHUSETTS AGRICULTURAL COLLEGE

Vol. XXVII. Amherst, Mass., Tuesday, October 10, 1916. No. 2

C. A. C. FALLS BEFORE ONRUSH OF AGGIE BACKS

Score 12-0. Varsity Shows Up Well for First Game.

M. A. C. won its first game of the season Saturday when it defeated Connecticut Aggies 12-0 on Alumni Field. Although the maroon and white team had no walkover, the Connecticut men at no time threatened M. A. C.'s goal line. The home team showed up fairly well for the first game, the line being a little bit weak and the backfield being almost perfect. Connecticut had somewhat of an advantage in having a veteran team while the Aggie team was practically green. Furthermore, Connecticut had played before this season which gave them a chance to correct faults made a week ago.

It took the maroon and white team the greater part of the first half to to score. Long gains by the backs carried the ball down the field and Pond carried it over on a 20-yard run. M. A. C. scored again in the last quarter on forward passes and straight rushes. There were many penalties on both sides, offside being the fault which caused the most of them.

The spectators were entertained between the halves by the M. A. C. Republican Club who staged a parody on the Mexican policy of Wilson.

FIRST PERIOD.

Connecticut kicked to Day on his 15-yard line and he carried the ball back 20 yards. M. A. C. made two first downs on straight rushing but lost the ball on downs by an unsuccessful forward pass. Connecticut immediately kicked to Grayson who ran it back 2 yards from mid-field. Another unsuccessful forward pass gave the ball to Connecticut and on a fake kick Hopwood ran the ball through a broken field for 35 yards. Rushing and a forward pass failed to gain and Hopwood made a try for a field goal which went short. Pond ran it back about a yard and the quarter ended.

SECOND PERIOD.

Weeks kicked to Hopwood who ran it back 2 yards before he was downed. Rushes and another forward pass failed and Hopwood tried once more for a field goal but failed. The ball was put in play on Aggie's 20-yard line and then began the march for a

[Continued on page 8]

AGGIE STOCK JUDGERS SHOW METTLE AT BROCKTON FAIR

Come Out with First Honors and Two Highest Individual Prizes. To Judge in Springfield.

For the first time in its history, the stock judging team of M. A. C. scored a victory at the annual New England stock judging contest, held at the Brockton Fair, Oct. 5. The Aggie team, composed of Clough '17, Noyes '17, and Kinsman '17, defeated the teams from University of Maine, New Hampshire College, Rhode Island State College, and Connecticut Agricultural College. Eight classes of dairy cattle and two classes of draft horses were judged. The final standing of the teams follows:

M. A. C.	2019
Univ. of Maine	1957 1-2
Connecticut	1901
Rhode Island	1837 1-2
New Hampshire	1795 1-2

Besides winning as a team, the highest individual honors also came to M. A. C., Clough making the best score, and Noyes being a close second to him. This good work won for each a gold medal, and the team brought back to the college, to be held for one year, a beautiful silver cup. This cup is given by the Brockton fair management, and must be won by a college two years before it can be permanently kept.

The same team, with Dillon '17 as alternate, will enter the stock judging contest at the National Dairy Show at Springfield. Here they will meet with hard competition from teams representing colleges scattered over the country as far west as Iowa. Although Professor McNutt, the Aggie coach, is not sure of winning, he says the team will certainly make a good showing, and that the men who beat them will have to be exceptionally good.

RIFLE CLUB NOTICES

At a recent meeting of the Rifle Club, Samuel F. Tuthill '17 of Mattapoisett was elected president of the club and Franklin H. Caulett '18 was elected captain of the rifle team. Rifle practice for freshmen began Monday and will continue throughout the week. All freshmen intending to try out for the rifle team must report at the range at the drill hall some time this week.

INVESTIGATION COMMITTEE HOLDS ITS FIRST HEARING

Departments Report on Their Branches of Work. Citizens Argue Pro and Con.

After a more or less extensive investigation of conditions existing at M. A. C., the committee appointed by the governor for this purpose, had its first hearing Wednesday. Although it is rumored that there is some criticism because solid geometry, French, etc., are taught besides agriculture there is so far no authority for such absurd criticisms. The session, lasting from 10 to 12 in the morning, and from 2 to 5 in the afternoon, was presided over by Dr. L. Clark Seelye, chairman of the committee and former president of Smith college. During this time the heads of the departments set forth the work of their respective branches. In the afternoon a number of prominent Amherst citizens spoke in favor of the college and its work in the state and voiced the general opinion that the college is under-supported. Those who spoke favorably from the college point of view were Dr. C. S. Walker, C. R. Elder, Rev. S. Paul Jefferson, Fred S. Allis and E. A. Thompson.

Those appearing before the committee were W. D. Hurd of the extension department, Dr. W. P. Brooks of the experiment station, Dr. C. E. Marshall of the graduate school, and Dean Edward M. Lewis.

SOPH-FRESHMAN BASEBALL

In a snappy six-inning baseball game Saturday afternoon the sophomores beat the freshmen by a score of 6-2. The two left-handed pitchers, Quimby and Crafts showed up fairly well, but both were off form. The freshman catcher, Newell, was the star of the contest.

NOTICE TO SUBSCRIBERS

Owing to the increased cost of manufacturing news print paper the printers of this publication have been obliged to raise their contract price to $50 an issue, an increase of $10. In order therefore to avoid a deficit of $300 at the end of the current year, the COLLEGIAN board has voted to raise the annual subscription price from $1.50 to $2.00.

COLLEGIAN COMPETITION TO OPEN OCTOBER 13

Five Positions Open on Editorial Board, Three on Business.

Recent action by the COLLEGIAN board has changed materially the rules for this year's competition. No positions will be open to freshmen on the editorial department, there being instead two places open for juniors and three for sophomores. The object is to interest those men who plan to major in journalism with a view to improving the style of the writeups. Students taking journalism will enter the competition on the same basis as others, their COLLEGIAN copy receiving credit in the journalism department. Another change to be noted is in regard to reports of speeches (reprint work). Credit will be at the rate of one point for seven inches, but no more than one point will be given for any one report.

In the business department one place is open to sophomores to fill the vacancy caused by the resignation of George C. Campbell '19. Two places are now open to freshmen this year leading respectively to the positions of business manager and advertising manager in their senior year. The rules follow:

1. Candidates shall be voted on during the first week in March by the members then holding office. A two-thirds vote shall be necessary for election.

2. The competition shall open at midnight on Oct. 12, 1916 and shall end at midnight on March 1, 1917, and to become a candidate for election each competitor must have 25 points to his credit before the close of the contest on March 1.

3. To be eligible to compete for the editorial board a candidate must have handed his name in to competition editor, Milford R. Lawrence '17 before Nov. 1, 1916. All candidates for the positions of assistant advertising manager or circulation manager must have handed in their names to business manager Merrill P. Warner '17 before Nov. 1, 1916, in order to be eligible as competitors.

4. Points for the competition may be gained as follows: Those competing for positions in the editorial department will receive one point for each seven inches of original copy

[Continued on page 5]

OVER 120 MEN TRY OUT FOR PLACES IN MUSICAL CLUBS

Several New Features, Including Hawaiian Specialty. Warren Working on Lighting Scheme.

The management of the Musical clubs feels highly elated over the prospects for a successful season. The tryouts for the various musical organizations was most gratifying; 60 men reporting to Prof. Bigelow for the glee clubs, 30 for the orchestra and 30 for the mandolin club making a total of 120. This is indeed a high percentage and is a remarkable tribute to the progress of the Non-Athletic Association. Prof. Bigelow especially remarked on the excellent quality of the voices and had hard work to pick the 32 men who finally were retained. Of course it will be a worthy struggle now for the men to keep their places and the management wishes it to be understood fully that only those who attend strictly to rehearsals will be taken on the trips. The mandolin club is playing several new specialties for the season. One will be a Hawaiian instrument specialty. It will consist of two steel guitars accompanied by six ukuleles. They will play Hawaiian music only So far as is known no other college club has before used this feature and with the present day trend toward Hawaiian music this number is sure to be successful Another specialty to be attempted is one suggested by Ross '17. An electrical contrivance is being constructed by H. M. Warren '17 that will illuminate the drum heads of banjos and banjo-mandolins. The lights in the hall will all be turned out and the illuminated instruments will play negro folk songs accompanied by humming from the glee club. The music starts slow and quiet as if heard in the distance. Gradually it grows louder and louder till maximum is reached then begins to diminish until finally it ceases. It is thought that these two specialties and others still in the formative period will help make this a most successful year.

HUGHES MEN HOLD GRAND RALLY SATURDAY NIGHT

Hughes' supporters will hold a big rally Saturday night. There will be a parade, with a brass band and torches, from the center of the town to Stockbridge Hall. The principal speaker will be ex-Senator Ward. There will also be several student speakers and one or two from the faculty. The townspeople are invited to attend the rally as well as the students. The republicans expect that their demonstration will put a crimp in the spirit of the Wilson supporters. Officers of the club are president, Buttrick '17, vice-president, S. S. Smith'18, secretary, Emmerich '18, treasurer, Hathaway '19.

BIG PREPARATION FOR NATIONAL DAIRY SHOW

In Springfield October 12-21. Fine Chance for Men Interested in Dairying.

The following letter has been received from the committee in charge of the great national dairy show which is to be the big event of the year in New England.

"The 1916 National Dairy Show will be held in Springfield, Massachusetts, from October 12 to 21 inclusive. The association has come east this year to get together in 'sunny New England,' the greatest national show of dairy cattle, and dairy products and machinery that has ever been held anywhere in the east.

The railroads throughout the country are giving excursion rates, and one of the railroads of the South is making every effort to induce the farmers of our southern states to attend this show.

Regardless of the 'ups' and 'downs' in the dairy business, these men see that dairying is one of the great industries of the nation, and will be still greater within the next few years.

Over 1500 head of cattle of the leading breeds will be on exhibition, and this alone would repay anyone to visit the show to make a comparison upon the relative merits of these cattle.

Practical experts on feeding and breeding, and proper direction of the farm, will explain these topics daily.

The United States Department of Agriculture will give you daily visible demonstrations of the relative value of cows.

50,000 square feet of floor space will be given over to exhibits, which will include the most modern appliances that a dairy farmer, an ice cream manufacturer, a buttermaker, a creameryman, or anyone else connected with good farming or dairying needs in his business.

A country milk bottling establishment, and milking machine demonstrations, ice cream operating machinery, buttermilk, cream and cheese exhibits from all over the United States will be a part of this great show.

Those interested in any of these businesses, or that expect to enter them, will save money by attending this show, thereby getting the latest up-to date information.

For further particulars write to the Manager, W. E. Skinner, Springfield, Massachusetts. And for hotel arrangements write to the Convention Bureau, Board of Trade, Springfield, Massachusetts."

The Microbiology club will hold a meeting in the trophy room Wednesday, Oct. 11, at 7 P. M. All juniors majoring in microbiology are urged to be present.

SOPHS WIN ROPE PULL

Forty feet of brand new rope was the best the sophomores could get for a margin of victory over the yearlings in 15 minutes of the hardest work either class has yet done this year, in the annual sixty-man rope pull held Friday afternoon. Not a man on either side went into the water, but there was nary a one who was not drenched.

Owing to the stretching of the new hawser both sides pulled in several feet at a jump, and for the first five minutes of the struggle the sophomores plainly had the advantage. Then the tide turned slowly but surely to a surprising freshman spurt, by which the first year men recovered a considerable amount of lost property, even though they were forced to huddle up in a bunch at the water's edge for a while in order to avoid the dip. It has been claimed that the 1920 men were aided by the old-time stunt of swinging the rope against a tree, but others say that it bothered both teams alike, rather than helping either. However that may be, the fact still remains that for the final five minutes, approximately, there was practically no gain at all for either class, the sophomores retaining but not increasing their slight advantage.

The pull had been postponed from the previous Friday because six years' similar abuse had caused the old rope to break twice in the earlier attempts. Better weather than in the previous week brought out the customary large attendance.

UPPERCLASSMEN ELECT NEW CLASS OFFICERS

Class officers in the three upper classes for the first term have been elected as follows:

Seniors.

Almon W. Spaulding of Newton Highlands, president; Joseph F. Whitney of Brooklyn, N. Y., vice-president; John T. Dizer of East Weymouth, secretary; Samuel F. Tuthill of Mattapoisett, treasurer; Edmund B. Hill of Rutherford, N. J., captain; John M. Sauter of Turners Falls, sergeant-at-arms.

Juniors.

Roger W. Weeks of Hyde Park, president; Lewis W. Spaulding of South Hingham, vice-president; Oliver G. Pratt of Salem, secretary; Harlan N. Worthley of Greenwood, treasurer; Stephen M. Richardson of Montague, captain; Robert L. Boyd of Lynn, sergeant-at-arms. The class historian will be elected by competition.

Sophomores.

Allan L. Pond of Holliston, president; Miss Olive E. Carroll of Dorchester, vice-president; Miss Helen A. Sibley of Longmeadow, secretary; Arthur M. McCarty of Monson, treasurer; Roger F. Readio of Florence, captain; William Kimball of Orange, sergeant-at-arms.

Cox Sons & Vining
72 Madison Ave., New York

Caps
Gowns
Hoods
for all Degrees

ROBES FOR JUDICIARY, CLERGY AND CHOIR

RAHAR'S INN
Northampton, Massachusetts
EUROPEAN PLAN
GOOD FOOD PROPERLY PREPARED
All Kinds of Sea Food
50-cent Luncheon from 11-30 to 2 p.m.
Special Dishes at All Hours
R. J. RAHAR, Prop.

To the Students of M. A. C.
Announcing that if the boys want to have their shoes tapped with the best quality of leather, drop in and see
J. GINSBURG
11½ Amity Street

The "Nonotuck"
HOLYOKE'S LEADING HOTEL
Club Breakfasts, 25c to 75c
Business Men's Luncheon, 60c
Sunday Table d'Hote Dinner, $1.25
GORHAM BENEDICT, Mgr.

FRESHMEN LOSE FIRST GAME TO FAST SUFFIELD SCHOOL

Athough the freshmen foot-ball team put up a game scrap against the Suffield boys Saturday they were beaten by a score of 33 to 0. The last year's champions of Connecticut school-boy teams kept their reputation, and at one time only, in the last period, did they begin to fear that the Aggies would score. The work of McKenna was, no doubt, the best on the Conn. team, in that he made a great number of end runs of from 10 to 30 yards, besides the gains he made from fake kick formations. The losers' star man was Dewing, who made many feature plays, some of which all but materialized in touchdowns. With a little more practice, this being the Freshmen's first game while the opposing team had previously played two, the Aggie "frosh" should be able to show some of the pep that 1919 did last year

The line-up:

SUFFIELD SCHOOL.	MASS. AGGIES, 1920
Noonan, Christolph, le	re, Lent
Spicer, lt	rt, Gorways
Alling, Luther, Beach, lg	rg, Bunker
Robertson, c	c, Tabmadge
Yale, rg	lg, Readio, McCloud
Ellis, Wilson, rt	lt, King
Kalas, Bird Alcorn,	M. Caldwell, re le Gray, Lothrop
McKenna, qb	qb, Ball, Beacon, Ball
H. Caldwell, lhb	rhb, Vigezzi
Loomis, rhb	lhb, Dewing
Crafts, fb	fb Mallon

Score: Suffield, 33. Aggies, 1920, 0. Touchdowns—McKenna 3, Crafts, Caldwell. Goals from touchdowns,—Robertson 3. Referee Beach of Springfield College. Umpire Boogesteger of Springfield College. Head linesman—Palmer. Time—15, 12, 15, 12-minute periods.

CHARACTER RECORD TO BE KEPT BY COLLEGE

An announcement by Dean Lewis in Wednesday assembly that caused great interest among the students was that the college is now keeping an accurate account of the character of each student. These records are made up from reports sent in by the different instructors, and will be used to refer to when inquiries are made regarding students who may be under consideration for positions. A few of the things included in this idea are class records, general ability and remarks about personality. In four years a fairly good idea of a man's character should be gained by this method.

Y. M. C. A. TO MEET THURSDAY

A song service and discussional meeting will constitute the first Christian Association meeting this year. It will be in the Old Chapel on Thursday evening at 6-30 o'clock. Questions up for discussion are:—Should outside speakers conduct most of the meetings? Should local leaders? Should students or professors? Should it be a prayer meeting or lecture, or both? What constitutes a live interesting meeting for a Christian Association.

NEW FACULTY RULES CHANGE CUT SYSTEM FOR HOLIDAYS

There are a few changes in the faculty rules for 1916-17 worthy of a second citation.

Owing to the confusion of acquired credits resulting from the installation of the three term system in place of the two semester system, the majority of the senior class would graduate at the end of the second term. It is to be clearly understood, however, that no senior, except possibly in a few cases, will be graduated until he has satisfactorily passed his third term work, no matter how many credits he has earned previous to this time.

The rule requiring absences twenty-four hours before and after holidays to be counted double has been changed to: "absences immediately and consecutively preceding and following a holiday, recess, or vacation announced in the published calendar shall be counted as double". Under the new ruling only the absences following the last class attended previous to the holiday's and the absences preceding the first class attended succeeding the holiday's will be counted double absences.

Attention is called to the rule that a senior who is conditioned in any course or courses of his third term, senior year, may have a condition examination, provided that he take this condition examination before the last Faculty meeting preceding Commencement

REVISES CONSTITUTION

Collegian Board Votes to Make Managing Editor Senior Position

Following the example of many other college publications, the COLLEGIAN board has so amended the constitution that beginning with the class of 1919 the position of managing editor as well as that of editor-in-chief will be held by a member of the highest class on the board. Both these offices will be voted for after a year's competition, during which each junior will take his turn at headline writing, proof-reading and the writing of editorials. Every man taken on the board in the spring of his sophomore year will therefore have an equal chance to become editor-in-chief when he becomes a senior.

WILSON CLUB ORGANIZES

At a meeting of the Wilson Club held after assembly Wednesday, Richard W. Smith '17, of Pittsfield was elected president. The other officers are: vice-president, Louis W. Ross '17, of Arlington; secretary, Lewis T. Buckman '17, of Wilkes Barre, Pa., seargent-at-arms, John M. Sauter '17, of Turners Falls. Much enthusiasm was shown by the men who attended the meeting and a large attendance is looked for at the meeting to be held this Wednesday.

ONE OF CAMPION'S COLLEGE STORES

We are sole agents for the Reversible Collar Campion Custom Made Shirts, made especially for college men, from **$1.50** to **$6.00.**

Crofut & Knapp, also Chase of New Haven Hats, from **$3.00** up.

THE ENGLISH AQUASCUTUM COATS

Ready-to-wear Clothes for young men from Atterbury System Fifth Ave., from **$22.00** up.

Made-to-your-measure Clothes, from **$25.00** up.

Mr. Campion personally superintends to fitting in this department and is an expert in the business.

ONE OF THE BEST CUSTOM TAILORING DEPARTMENTS IN THE STATE

ONYX HOSIERY MARK CROSS GLOVES KNOTHE BELTS

CAMPION'S COLLEGE STORE At Amherst

—Come to us for—

Fireplace Goods, Coat and Trouser Hangers

Ever Ready Flash Lights and Paint

Clothes and Shoe Brushes

Anything in Hardware and Cooking Utensils

Always glad to see you.

THE MUTUAL PLUMBING & HEATING CO.

BURPEE REGISTERED W A B TRADE MARK The Seal of Quality
Burpee's Seeds Grow
FOR forty years we have rendered faithful service. For forty years we have tried to make each year's service more nearly ideal. This untiring effort has built for us not only The World's Largest Mail Order Seed Business, but also a World Wide reputation for Efficiency and undisputed leadership. The Fortieth Anniversary Edition of **Burpee's Annual, *the* "Leading American Seed Catalog"** is brighter and better than ever. It is mailed free. A postcard will bring it.
W. ATLEE BURPEE & CO., Seed Growers,
Burpee Buildings Philadelphia

Page's Shoe Store
Largest Stock—Lowest Prices
Expert Repairing—Best leather used

JACKSON & CUTLER
—DEALERS IN—
Dry and Fancy Goods and Choice Family Groceries

THE MASSACHUSETTS COLLEGIAN

Published every Tuesday evening by the Students of the Massachusetts Agricultural College.

BOARD OF EDITORS.

RICHARD W. SMITH '17. Editor-in-Chief
MARSHALL G. LANPHEAR '18, M'ging Editor
MILFORD R. LAWRENCE '17, Assistant Editor
WILLIAM SAVILLE, JR. '17. Alumni Editor

ASSOCIATE EDITORS.

JOHN T. BIZER '17
JOSEPH F. WHITNEY '17
FRANK J. BINKS '18
NATHAN W. GILLETTE '18
EDWARD N. MITCHELL '18
ELIOT M. BUFFUM '19
MYRTON F. EVANS '19

BUSINESS DEPARTMENT.

MERRILL P. WARNER '17, Business Manager
JAMES C. POWELL '18, Assistant Business Manager
BIRGER R. ROSEQUIST '18, Advertising Manager

Subscription $1.50 per year. Single copies, 5 cents. Make all orders payable to **Merrill P. Warner.**

In case of change of address, subscribers will please notify the business manager as soon as possible.

Entered as second-class matter at the Amherst Post Office.

Vol. XXVII. Tuesday, Oct. 10. No. 2

No other event of the year will draw so many men from different agricultural colleges together as the National Dairy Show, which opens this week in Springfield. Here will compete the stock judging teams of all the state universities from as far west as Kansas and Nebraska, to say nothing of our own eastern institutions. We express the hope that some of these men will find occasion to visit M. A. C. and that when they do come they may find here a truly hospitable welcome on the part of the student body.

We have received several inquiries of late as to whether the Collegian is henceforth to appear twice a week. Such a proposition as contemplated last spring would, we believe, materially improve the paper, but we regret to say that a semi-weekly publication is a financial impossibility this year. On the advice of the director of the non-athletics association the board has voted to devote its energies to the improvement of its office facilities, which are now woefully inadequate. The twice-a-week idea has not been dropped for good, however, and will again be taken up as soon as the financial condition of the board and the demand for change warrant it.

We respectfully call the attention of the student body to the rules for the Collegian competition as appearing in another column. By eliminating freshmen from the editorial competition the board has arbitrarily made itself a strictly junior-senior organization, in the belief that by encouraging men majoring in journalism to compete, the newsiness and general style of the paper will be noticeably improved. We cannot too forcibly impress upon prospective competitors the importance of quality and promptness as deciding factors in the competition. Many a good write-up has in time past been useless because handed in too late, and in the same way, many a prompt piece of copy has been spoiled by hurried, careless work. The board needs men who will cover what they are told, and who have enough interest in journalism so that they take pride in doing good work. For such as these, membership on the board offers ample reward in the shape of journalistic experience, reporting trips with the various teams, banquets and the like. We are hoping for a good number of capable embryo journalists to enter the competition and stay with it to the finish.

CAMPUS CALENDAR

[Notices for this column should be dropped in at the Collegian office or handed to Nathan W. Gillette '18 on or before the Monday preceding each issue.]

WEDNESDAY, OCT. 11.

2-10 P. M.—Assembly. President Kenyon L. Butterfield.

THURSDAY OCT. 12.

Afternoon half-holiday. Columbus Day.

6-30 P. M.—Y. M. C. A. Old Chapel.

7-00 P. M.—Florists and Gardeners Club. French Hall.

SATURDAY, OCT 14.

2-30 P. M.—Freshman football. 1920 vs. Hartford High at Amherst.

3-00 P. M.—Varsity football. M. A. C. vs. Dartmouth at Hanover.

7-30 P. M.—Republican Rally, Stockbridge Hall Auditorium.

ON TO DARTMOUTH IS SLOGAN FOR COMING WEEK

Saturday's game with Connecticut Aggies gave the M. A. C. eleven their first real test, and while the team did not show real midseason form there were many pleasing features which make the prospects of a good game with Dartmouth very bright.

The work of Pond in the backfield, Sauter at center and Day and Grayson on the ends was especially noticeable, while Boles and Weeks in the backfield look good for consistent gains.

Both Weeks and Pond are improving in their punting game and both are getting good length and form into the kicks.

Dartmouth's easy win over Lehanon Valley last Saturday gives very little ground for comparison as they will find a very different proposition before them when the M. A. C. lines up next Saturday. The team is confident of a successful week.

'10.—Myron Hazen was married to Dorothy L. Helberg at Brooklyn, New York on the 19th of August. They will be at home after October 12 at Fiske Terrace, Ocean Avenue and Avenue H, Brooklyn.

REGISTRATION FIGURES

Total Enrolment but Little Less than Last Year.

Exclusive of the graduate school and a few students who have been admitted on probation, the total enrolment of the college for the present college year is 602, as compared with a registration of 616 in the respective classes last year. The class of 1917 is but little smaller than the senior class of last year, most of the decrease being accounted for by the smallness of the entering class, the reason for which is unexplainable:

Comparative figures:

	1915	1916
Seniors,	108	104
Juniors,	110	138
Sophomores,	162	172
Freshmen,	211	158
Unclassified,	25	30
Totals,	616	602

CLUB MEMBERS ON TRIP

Second Prize Winners to Visit College on Way to Dairy Show

A peaceful invasion of the campus will take place on the evening of Oct. 11 when 40 boys and girls from all over the state come here as guests of the extension service. The occasion is the annual free trip of the second prize winners of the boys and girls clubs of Massachusetts. After being entertained in Amherst Wednesday night, the young people will take an automobile ride Thursday morning over the Mohawk trail to North Adams, where dinner will be served. An afternoon ride is planned through Pittsfield and over Jacob's Ladder to Springfield, where the party will attend the National Dairy Show. All necessary expenses will be taken care of without cost to the club members, and chaperons will be provided to accompany them from their homes.

INTERCOLLEGIATE NOTES

Tufts Largest Ever

Registration figures recently given out at Tufts College show that institution to have an enrolment of 1725 students, a gain of nearly 200. More than half of this number is comprised of students in the dental and medical schools in Boston, which together have a registration of 986. The colleges on the "Hill" in Medford show only a moderate growth, having this year 445 in the schools of liberal arts and engineering, as against 408 last year.

Brown Herald to Celebrate

Invitations have been sent to 178 former members of the editorial board of the Brown Daily Herald to attend the 25th anniversary of the founding of that publication on Dec. 2. Among those who have signified their intention of coming is Charles E. Hughes, Jr., a member of the Herald board for three years. A 48-page number of the paper is planned to celebrate the anniversary.

"BIDE-A-WEE"
Creamed Chicken and Waffles
Our Specialty—And other good things to eat
MRS. L. M. STEBBINS,
Middle Street, Hadley, Mass.
Tel. 415-W

UNITY CHURCH
NORTH PLEASANT ST.
A Church home of the liberal Faith, where every student will meet with a cordial welcome.
REGULAR SUNDAY SERVICE AT 7 P. M.

FLEMING'S SHOE STORE
Northampton

FLOWERS AND PLANTS
Grown by the Floricultural Dept.
We offer our surplus stock of cut flowers and plants at reasonable rates to students and faculty. This stock is grown in modern houses under ideal conditions. Roses, carnations, violets, chrysanthemums and sweet peas in season.
GROWN ON THE CAMPUS
Telephone 300

MASS.——MASS.
MASSACHUSETTS
Rah! Rah! Rah!
Black and White
Black and White
Black and White
CIGARETTES
Strikingly Superior...
HENRY ADAMS & CO.
— The Rexall Store —

DE LAVAL
Cream Separator Supremacy
38 YEARS of LEADERSHIP
OVER 38 years of experience and thousands of tests the world over have demonstrated the De Laval to be the only thoroughly clean skimming cream separator. Superior construction throughout makes possible greater capacity, cleaner skimming and a heavier cream than can be secured with any other machine.
The driving mechanism of the De Laval is perfectly oiled and the bowl runs at slow speed, all of which is conducive to the long life of the machine. A De Laval will last from 15 to 20 years, while the life of other cream separators averages from 3 to 5 years. Not a year goes by but what some improvement is made in De Laval machines, and no stone is left unturned by the De Laval Company to insure to every De Laval user the greatest possible service from his machine.
More De Lavals are sold every year than all other makes combined, and De Laval users are satisfied users—not only when the machine is new but during the many years of its life.
The De Laval Separator Co.
165 BROADWAY NEW YORK
29 E. MADISON ST CHICAGO

COLLEGIAN COMPETITION

[Continued from page 1]

accepted, one point for each two hour period spent in office work. One point will be given for reports of speeches, etc., not exceeding seven inches in length. Excess matter will be accepted, but without credit. Assignments will be in charge of Milford R. Lawrence '17. Material handed in will be corrected and graded by him in conjunction with the department of journalism. All copy must be written on one side of the paper only. Copy coming in late will receive no credit whatever.

5. The number of positions open in each class is, in editorial department: 1918—2, 1919—3, in the business department, 1919—1, 1920—2.

6. Credits for the business department are gained as follows, one point for two hours work. Advertising department: one credit for two hours work, one credit for $4.00 new advertising or $8.00 renewed advertising.

7. The board reserves the right to withhold election in either department, editorial or business, if in its judgment the poor work of any one group of candidates justifies it. In such case the competition for vacancies will be in charge of the new board, after it has come into office on March 15.

Further information and instruction may be had from the heads of the several departments.

WAITERS NOW GET MORE

Threatened, Strike at Dining Hall Brings Increased Pay.

Contending before the Senate that on a basis of 20 cents an hour a student waiter at the dining hall could not earn his meals, the waiter's representatives Tuesday night asked for an increase of pay. A committee of the Senate took the matter up with treasurer Kenney who granted the men an increase to 25 cents an hour. The time charts now kept at the dining hall furnished proof that no waiter could earn his board under the present system and a strike would have been the result had not the men's terms been complied with.

RAVINE TO BE WILD GARDEN

A wild garden with rustic bridges, footpaths, and massed plantings, is the ultimate aim of the department of landscape gardening in the long neglected ravine between the chemistry building and Flint Lab. The natural scenic advantages are many, including a small brook with level land on both sides and sloping side banks giving excellent opportunity for mass planting and further development. Already much of the land has been cleared, some paths have been laid out, and nursery estimates have been made. The department hopes to get all of the trails done this fall and have everything ready for spring planting.

INTERCLASS ATHLETIC BOARD

Representatives to the interclass athletic board have been elected as follows: 1917, Robert S. Boles of Dorchester and Emory E. Grayson of Milford; 1919, Hall B. Carpenter of Somerville and Paul Faxon of West Newton; 1920, Kenneth S. Hyde of Amherst and Starr M. King of Pittsfield. The class of 1917 is the first senior class to be represented on the interclass athletic board. When 1917 entered college "Kid" Gore took charge of freshman athletics and he evolved this idea of having an interclass board rather than the cumbersome individual class boards. Now the system has been completely worked out as each class is at present represented on the board.

CONTEMPLATE CHANGE IN ELIGIBILITY RULE

It is probable that in the near future the eligibility rule of the college will be so modified as to permit freshmen to enter non-athletic activities from the beginning of the year. As the rule reads now, first year men are not eligible to participate in college activities of any sort, except freshman football, until the third term. In a recent faculty meeting the general opinion was expressed that non-athletic activities, such as dramatics, musical clubs, debating and the like, should be thrown open to freshmen throughout the year.

President Butterfield, Dean Lewis and Prof. H. E. Robbins, general manager of the non-athletics association, were appointed a committee to consider the matter, and definite action will probably be taken this week.

THE EXTENSION SERVICE

Little Known but Important Work Conducted at County Fairs.

How large a part the college plays in the work of the small county fairs is but little known to any outside the extension service. For several years this department has sent exhibits to various fairs throughout the state with the purpose of demonstrating better agricultural methods. A new plan tried out this year consisted of an exhibit of eight cows from the vicinity of the fair, on which the milk production records were known. Farmers visiting the exhibit were asked to place the cows in order of their production and on each afternoon the results of the judging were posted. In addition there was a pountry exhibit and a farm management exhibit, each conducted by the college.

Prof. F. D. Waid of the extension service had charge of the party which concluded its last exhibit at the Brockton fair last week. Harold G. Dickey '17 was a student assistant in this work.

Edward S. Russell, post graduate, announces the birth of a daughter, Mary Whittaker.

CONFERENCE ON RURAL ORGANIZATION OCT. 16-17

The seventh annual conference on rural organization will be held in Amherst Oct. 16 and 17. The conference will endeavor to develop a definite working policy among the rural interests of the state. Monday, Oct. 16, E. T. Hartman, secretary of the Massachusetts civic league will preside and the following men will speak: President Kenyon L. Butterfield, Dr. A. E. Cance and Prof. E. L. Morgan. Tuesday, Oct. 17, Prof. William D. Hurd, director of the extension service, will preside and the speakers will include S. R. Parker, M. A. C., C. C. Carstens, Massachusetts society for the prevention of cruelty to children and R. W. Stimson of the state board of education.

FLORICULTURE NOTES

A perennial garden with over 500 species of plants represented is the the present feature of the floriculture department. This garden has been in constant bloom throughout the whole season and florists from as far off as Philadelphia have been here to study it. The classes in floriculture are now making a systematic study of the fall blooming plants, noting especially the habits of growth and value to the garden.

C. E. Wildon '16 has taken the position of assistant in floriculture, left vacant by the resignation of A. S. Thurston who has gone to Ames, Iowa, as assistant professor in floriculture at the Iowa Agricultural College. Professor Thurston received his M. Sc. from M. A. C. last June.

Plans for a bigger and better fall flower show are well under way and the date for the show will be announced soon. Several special features are being planned and the department of floriculture is assured the hearty support of the Northampton and Holyoke Florists' and Gardeners' Club. In connection with the show of this latter organization to be held in Northampton Nov. 1 and 2 a special class in basket arrangement has been made for M. A. C. students.

The first meeting of the M. A. C. Florists' and Gardeners' club will be held next Thursday evening (Oct. 12) in room E French Hall at 7 o'clock. All students of floriculture, as well as any one at all interested in the subject, are invited.

'74.—H. McKean Zeller, fruit grower, near Hagerstown, Md., S. Bruce Zeller of the same class, non-graduate, is in the real estate business in the same city, and another brother, W. M. Zeller ex-'74, is a farmer near Santa Barbara, Cal., Route 2. All three of the brothers have a lively interest in the work of the college, although it is years since they have all been together.

WEBSTER'S STUDIO
Everything in Photography
GROUPS A SPECIALTY
Good work speaks for itself.
NASH BLOCK, AMHERST, MASS.

AMHERST BOOK STORE
Note Books Fountain Pens
Agents for Rex Typewriter
F. M. CURRAN C. F. DYER

STUDENT FURNITURE
RUGS
CARPETS
Largest assortment in New England of Special Student Furnishings.
LOWER EXPENSES Enable us to offer an absolute lower price
AMHERST FURNITURE AND CARPET ROOMS
E. D. MARSH ESTATE

ESTABLISHED 1892
STEPHEN LANE FOLGER, Inc.
MANUFACTURING JEWELERS
180 BROADWAY, NEW YORK
CLUB AND COLLEGE PINS AND RINGS
GOLD, SILVER AND BRONZE MEDALS

——JOIN THE BUNCH AT——
EPSTEIN'S TAILORING PARLORS
Now located over post office. Up one flight
Pressing and Cleaning a Specialty
Liberal Ticket System Tel. 36-M

College Stationery
With Class Numerals.
Magazines, Newspapers and Fountain Pens
A. J. HASTINGS
Newsdealer and Stationer

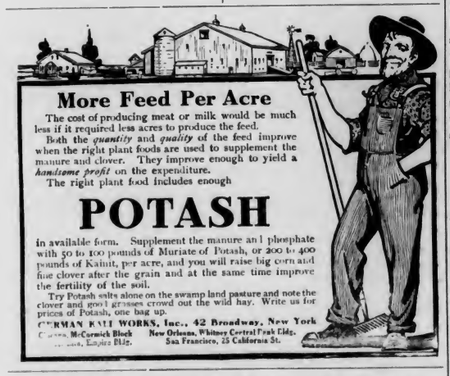
E. B. DICKINSON, D.D.S.
DENTAL ROOMS
Williams Block, Amherst, Mass.
Office Hours: 9 to 12 a. m., 1-30 to 5 p. m.

The Highland Hotel
Corner of Hillman and Barnes Streets, three blocks from the Union Depot, is a modern hostelry run on the European Plan. It is just a step from Main Street, away from the noise and dust and yet in the center of the business district.
Its rooms are well furnished and comfortable, having a telephone and hot and cold running water in every room. Prices $1 and up; rooms with bath (single) $1.50 and up.
Its excellent cuisine and well ventilated dining room makes a meal a pleasant memory—everything of the highest quality, well cooked and served in the best possible manner.
Stay at the Highland Hotel once and you will anticipate staying there again. Music every evening.
D. H. SIEVERS,
Highland Hotel, Springfield, Mass.

The Holyoke Valve & Hydrant Co.
Jobbers of Wrought Iron and Brass Pipe, Valves and Fittings for Steam, Water and Gas, Asbestos and Magnesia Boiler and Pipe Coverings, Pipe Cut to Sketch, Mill Supplies. Engineers and Contractors for Steam and Hot Water Heating, Automatic Sprinkler Systems, Boiler and Engine Connections. - - Holyoke, Mass.

BECKMAN'S
Candies and Ice Cream
"HAMP"

JOHNSON BOOK CO.
Agricultural Books
and Filing Cases
BABBITT & WOODWORTH
Alpha Sigma Phi House


More Feed Per Acre
The cost of producing meat or milk would be much less if it required less acres to produce the feed.
Both the *quantity* and *quality* of the feed improve when the right plant foods are used to supplement the manure and clover. They improve enough to yield a *handsome profit* on the expenditure.
The right plant food includes enough
POTASH
in available form. Supplement the manure and phosphate with 50 to 100 pounds of Muriate of Potash, or 200 to 400 pounds of Kainit, per acre, and you will raise big corn and fine clover after the grain and at the same time improve the fertility of the soil.
Try Potash salts alone on the swamp land pasture and note the clover and good grasses crowd out the wild hay. Write us for prices of Potash, one bag up.
GERMAN KALI WORKS, Inc., 42 Broadway, New York
Atlanta, McCormick Block New Orleans, Whitney Central Peak Bldg.
Chicago, Empire Bldg. San Francisco, 25 California St.

COPLEY SQUARE HOTEL
Huntington Ave., Exeter and Blagden Sts., Boston, Mass.
Headquarters for College Men when in the city.
JOHN HOWARD LACY, Prop.

F. A. SHEPARD
MEN'S STORE
Shoes Hats Furnishings
Local Agent for
E. V. PRICE CO., LAMM CO., BROWNING, KING & CO.,
Custom Tailors
OUR DISCOUNT TICKET SAVES YOU 5%

Carpenter & Morehouse,
PRINTERS,
No. 1, Cook Place, Amherst, Mass.

1910 NOTES.

Myron S. Hazen, President of the Coe Mortimer Fertilizer Company, has just edited an attractive booklet entitled "The Neglected Hay Crop." The booklet contains some very useful information, some fine illustrations, and creditably advertises the Coe Mortimer Fertilizer. "Bill." Johnson 1910 is vice-president of the same company.

Dr. Samuel C. Brooks began his duties the first of this month, as a Physiologist Research man, at the Institution of the National Dental Association, 8803 Euclid Avenue, Cleveland, Ohio.

John Blauey senior partner, firm of Blaney & Blaney, Landscape Architects, 6 Beacon street, Boston Mass. John has several big jobs on his hands at present and several others heading his way.

CONSIDERING HOLIDAY

President Butterfield is consulting with Dean Lewis this afternoon in regard to the proposal of the Senate that a holiday be granted the students in order to attend the National Dairy show in Springfield on Friday. In view of the fact that Thursday afternoon is a holiday and a holiday for the Tufts game is also contemplated, the administration has some hesitancy in granting this additional request. Announcement regarding the proposal will be made at assembly.

ALUMNI NOTES

'09.—A second son, Robert Chapin, was born to Mr. and Mrs. H. J. Neale of Worcester on June 12.

'14.—D. A. Coleman received the degree of Master of Science in Research from Rutgers college last June, his thesis being "Environmental Factors Influencing the Activity of Soil Fungi." Coleman is also joint author of "Sources of Error in Soil Bacteriological Analysis." Both papers appeared in a recent number of "Soil Science."

'14.—G. R. Reid is manager of the Peckham Floral Company, Fairhaven, Mass.

'15.—E. A. Wilkins has recently accepted a position in the retail florist store of F. E. Palmer Inc. at Brookline.

'16.—S. W. Hall has charge of a greenhouse section on the range of Goddard, the carnation specialist, at Framingham.

'16.—Tyler S. Rogers is taking post graduate work in Landscape Gardening at Harvard University.

S. S. HYDE
JEWELER & OPTICIAN
Now at 13 Pleasant St.
Oculists' Prescriptions Filled. Broken Lenses Accurately Replaced. Fine Watch Repairing Promptly and Skilfully Done.
Satisfaction Guaranteed

DEATH OF PROFESSOR BASSETT IN HARTFORD

Austin B. Bassett, a graduate of Williams college in 1880 and professor of mathematics at M. A. C. during the academic years 1882–1884, died at a hospital in Hartford on Oct. 5, as the result of injuries received in an automobile accident at Lyme, Coun. Oct. 2.

PROFESSOR BASSETT IN 1883

After leaving M. A. C. Mr. Bassett studied theology and for three and one-half years was pastor of the Williamstown Congregational church, which service was followed by a pastorate at Ware of 14 years. In the autumn of 1905 he entered upon his duties as professor at the Hartford theological seminary and was also made secretary of the seminary, positions which he held until his death.

While in the ministry he gained for himself a reputation as a lecturer on certain phases of religion, which, it is understood, resulted in his receiving the call to Hartford.

He was induced to come to Aggie by Dr. Paul A. Chadbourne, then president of the college. Professor Bassett prepared a delightful sketch of the life of President Chadbourne, who died while in office, Feb. 23, 1883. Mr. Bassett has preached at the college several times since he entered the ministry.

Members of the classes of 1883–1887 will recall his winsome personality, his high ideals, his genuineness, and his interest in all that was best in the life of the student. He was the peacemaker when disturbances occurred in the life of the undergraduate body.

Austin B. Bassett was the true type of a Christian gentleman, and his many fine traits of character unquestionably impressed themselves upon the lives of those who had the privilege of being his pupils. A genuine lover of men has lived the life temporal and has entered into the fuller life Eternal.

J. E. L.

Walter I. Cross '17 of Hingham has pledged Sigma Phi Epsilon.

Send in
your subscription to the Collegian
NOW

Get the Range of Smoking Satisfaction
Roll "Bull" Durham into a cigarette and you have a smoke with all the vim, vigor and dash of Uncle Sam's fighting men. That's why the American Army is an army of "Bull" Durham smokers. "Bull" Durham puts snap into their action and "punch" into their systems. For a virile, lively, manly smoke, "roll your own" with "Bull" Durham.
GENUINE
"BULL" DURHAM
SMOKING TOBACCO
"Bull" Durham is the mildest of all tobaccos. It has a unique aroma and a distinctive mellow-sweet flavor that no other tobacco can give you.
Made of the famous "bright" Virginia-North Carolina leaf, "Bull" Durham has been the great American smoke for three generations.
You "roll your own" with "Bull" Durham and enjoy a real smoke.
Ask for FREE package of "papers" with each 5c sack.

FREE An illustrated Booklet, showing correct way to Roll Your Own Cigarettes, and a package of cigarette papers, will both be mailed, free, to any address in U. S. on request. Address "Bull" Durham, Durham, N. C.
THE AMERICAN TOBACCO CO.

- WELCOME -
1920
Come in and let us help you get started RIGHT
We have the largest stock of young men's clothing we have ever shown.
You know the kind Hart Schaffner & Marx make.
All our haberdashery is of the best and our prices are always the LOWEST.
Ask any upper-class man about
SANDERSON & THOMPSON

School and College Photographers . . .
White Studio
LOCALLY: 52 Center St., Northampton, Mass., and South Hadley, Mass
MAIN OFFICE: 1546-1548 Broadway, New York City
These Studios offer the best skilled artists and most complete equipment obtainable

E. FRANK COE FERTILIZERS
The Business Farmer's Standard for Over 55 Years
RELIABLE AGENTS WANTED
Write to Local Agency Manager
THE COE-MORTIMER CO.
51 Chambers St., New York City

M. A. C. WINS

[Continued from page 1]

touchdown. Long gains by the backs and penalties put the ball on Connecticut's 30-yard line and Pond carried it over on the next play. Captain Grayson failed to kick the goal. Connecticut kicked to Day who ran the ball back to his 43-yard line. A 5-yard gain by Weeks through center and a forward pass, Weeks to E. Grayson, brought the ball in the danger zone, but the ending of the half prevented another touchdown.

THIRD PERIOD.

Connecticut kicked to Day who ran it through a broken field to his 35-yard line. Straight rushes and a forward pass, Weeks to Pond, brought the ball to Connecticut's 25 yard line but on the next play Clark recovered Weeks' fumble. Connecticut fumbled on the first play, Day recovering the ball and carrying it 10 yards before being downed. Connecticut now began to hold and recovered the ball on downs, when a forward pass, Weeks to Pond, failed. Hopwood punted to Mack who ran it back 10 yards and the period ended with the ball in the middle of the field.

FOURTH PERIOD.

On the first play Connecticut was penalized 15 yards for coaching on the side lines. Repeated gains by the backs carried the ball to Connecticut's 10-yard line and Weeks carried it over. Captain Grayson missed the goal by a close margin. Connecticut kicked to Richardson and he was downed after a 10-yard run. Two forward passes failed and Weeks kicked to Hopwood who was downed almost in his tracks. A forward pass netted 30 yards but the game ended before the visitors could score.

The lineup:

M. A. C.		CONNECTICUT.
E. Grayson, le		re, Ryan
Holmes, lt		rt, Newmarker
Spaulding, Petit, lg		rg, Maguire, Murphy
Sauter, c		c, Quinn
Blanchard, rg		lg, Strong
Edwards, Hagelstein, rt		lt, Gleason
Day, Richardson, re		le, Dickinson
E. Grayson, Whittle, Mack, qb		qb, Hopwood
Pond, Borstrom, Blanchard, lhb		rhb, McCarty, Smith
Bolles, Moynihan, rhb		lhb, Clark
Weeks, fb		fb, Schaefer

Score — M. A. C. 12, Connecticut Aggies 0. Touchdowns—Pond, Weeks. Time—12-minute periods. Referee—Carpenter. Umpire Flynn. Head linesman—Kennedy.

'14.—H. C. Clay is now with the Bureau of Rural Organization and Markets, temporarily located at the Delaware College, Newark, Del. Since graduating Mr. Clay has traveled over much of the United States. He took the civil service examinations in California, but was appointed to the service from Massachusetts. He says he is enjoying the work, and is getting good experience as well as a "modest" salary.

The Massachusetts Agricultural College

Offers courses of instruction in twenty seven teaching departments, which embrace the study of

Agriculture, Horticulture, Science, Humanities and Rural Social Science.

A student may specialize in the following subjects:

Agriculture
Agronomy
Animal Husbandry
Dairying
Poultry Husbandry
Rural Journalism
Floriculture
Forestry
Landscape Gardening
Pomology
Agricultural Chemistry
Agricultural Economics
Economic Entomology
Microbiology
Economic Botany
Agricultural Education
Rural Social Science

For complete catalog and illustrated booklet, write

KENYON L. BUTTERFIELD, PRESIDENT
AMHERST, MASS.

COLLEGIAN DIRECTORY

Associate Alumni,	C. A. Peters, Secretary
Joint Committee on Intercollegiate Athletics,	H. M. Gore, Secretary
M. A. C. Athletic Field Association,	C. S. Hicks, Treasurer
Non-Athletic Association,	H. E. Robbins, Manager
The College Senate,	L. T. Buckman, President
Football Association,	R. L. Holden, Manager
Baseball Association,	R. D. Hawley, Manager
Track Association,	O. S. Flint, Manager
Hockey Association,	M. R. Lawrence, Manager
Basketball Association,	N. Moorhouse, Manager
Rifle Club,	S. F. Tuthill, President
Roister Doisters,	A. F. Williams, Manager
Musical Association,	D. M. Lipshires, Manager
Nineteen Hundred Seventeen Index,	F. W. Mayo, Manager
Nineteen Hundred Eighteen Index,	K. L. Messenger, Manager
M. A. C. Christian Association,	D. O. Merrill, President
M. A. C. Catholic Club,	E. L. King, President
Fraternity Conference,	L. T. Buckman, President
Stockbridge Club,	M. J. McNamara, President

There are several Good Reasons why you should buy your

COAL
OF
C. R. ELDER

WOODWARD'S LUNCH

27 Main St., Masonic Bldg., Northampton, Mass.

Lunches, Soda, Ice Cream

Closed only from 1 A. M. to 4 A. M.

The Connecticut Valley Street Railway

From Amherst, via Northampton, through the Hatfields, past the foot of Sugar Loaf Mt., alongside the famous Bloody Brook battle ground to Old Deerfield, thence to Greenfield, Turners Falls and across the "Plains" to Lake Pleasant, Montague and Millers Falls.

50 Miles of Trackage—Modern Equipment—Train Dispatching System—Freight and Express Service over entire line.

Connecticut Valley Street Railway Company

Jacob Reed's Sons are the leading manufacturers of

UNIFORMS

For college and military schools, and have won and maintain their prestige by sheer merit. The uniforms worn at Massachusetts Agricultural College are finished examples of our product.

JACOB REED'S SONS,

Makers of "Gold Medal Uniforms."

1424-1426 Chestnut St., Philadelphia, Pa.

FOUNTAIN PENS

Moore's **Swan's**

Waterman's

Thirty-six dozen pens to select from.

—OUR RULE—

"Satisfaction guaranteed or money refunded."

DEUEL'S DRUG STORE

COLLEGE SHOES

We carry the largest stock in the state outside of Boston.

MODERN REPAIR DEPT.

E. M. BOLLES
THE SHOEMAN

CARS

Leave AGGIE COLLEGE for HOLYOKE at 15 min. past the hour.

CARS

Leave AMHERST for AGGIE COLLEGE at 7 and 37 min. past the hour.

Special Cars at Reasonable Rates

AMHERST & SUNDERLAND ST. RY. CO

THE TERPSY PARLOR
Cleansing Pressing Repairing
Quickest service, Best Work, Lowest Price
All work carefully done. Work called for and delivered. Gents' overcoats, suits, pants and coats. Ladies' fine linen suits a specialty.
Teams will call every day at M. A. C.
WM. FRANKLIN, Prop.
Rear Nash Blk. Amherst. Tel. No. 341

Amherst
CO-OP LAUNDRY
High-Grade College Work

Shirts,	10-15c
Collars,	2 1-2c
Cuffs,	2 1-2c
Plain wash,	48c per doz.
Same, rough dry,	30c per doz.

DRY CLEANING AND PRESSING

Steam Pressing 40c, 3 Suits for $1.00
Dry Cleaning and Pressing, $1.50 a Suit

All bills payable at Co-op. Store and parcels left there will receive prompt attention.

GRAYSON '17, Agent
HIGGINBOTHAM '17, Asst. Agent

LIBRARY
OCT 24 1916
Agricultural College

THE MASSACHUSETTS COLLEGIAN

MASSACHUSETTS AGRICULTURAL COLLEGE

Vol. XXVII. Amherst, Mass., Tuesday, October 17, 1916. No. 3

HEAVY GREEN ATTACK TOO STRONG FOR AGGIE ELEVEN

Varsity Greatly Outweighed. Dartmouth Team Work Par Excellence. Score 62-0.

Although putting up a game fight against heavy odds the M. A. C eleven succumbed to Dartmouth Saturday by a score of 62-0. The Hanoverians, veterans of three games and averaging ten pounds a man heavier than the Maroon team, had the game in their own hands from the beginning.

FIRST QUARTER

Dartmouth kicked off to Pond who carried the ball to the 20-yard line. After two futile attempts to break through Aggie fumbled, recovered and was forced to kick. With the ball in their possession Dartmouth started for Aggie's goal line but were forced to kick because of a penalty for holding and an intercepted forward pass. M. A. C. returned the kick from almost under their own goal posts. By a change of tactics the Green team made 16 yards on two line smashes. Two end runs failed and another line plunge gained Dartmouth first down. A moment later she scored her first touchdown by a quarterback run around right end. The punt out for position was fumbled. Score 6-0.

Grayson kicked off, Gerrish returned the pigskin to mid field. After little gain by a skin tackle play and end run Dartmouth gained 25 yards by a long forward followed by another gain through tackle for the second touchdown. A successful punt for position and a kicked goal brought the score to 13-0. The quarter ended when Boles made the 15-yard line on Dartmouth's kickoff.

SECOND QUARTER

Following a little gain M. A. C. kicked and Dartmouth by two runs around right end made a third touchdown and kicked the goal. Score 20-0.

Following her kickoff Aggie tightened up and at a fumble by Dartmouth recovered the ball and kicked out of danger, but Dartmouth brought the ball back to Aggie's 5-yard line. At the next play the ball went over the line for another touchdown and a kicked goal brought the score to 27-0.

Continued on page 2]

CHARLES H. CLOUGH '17 WINS $400 SCHOLARSHIP

Has Highest Score in Judging Jerseys. Noyes Places Third. Nebraska Gets First Honors in Total Scoring.

Competing against seventeen other agricultural colleges from Maine to Kansas the Massachusetts stock judging team took fifth place in the students' contest at the National Dairy show Friday. Charles H. Clough '17 of Dedham won the $400 scholarship offered by the American Jersey Cattle club for the highest individual score in judging Jerseys. His work was largely instrumental in bringing to the Aggie team the sweepstakes cup offered by the same association for the highest team score in this class.

Middle western colleges took first honors in total scoring. Nebraska, with 3632 out of a possible 4800, won first place, and in addition the cup offered by the Holstein-Friesian association. Other leading teams scored as follows: Kansas 3574, Iowa State 3530, Missouri 3491, M. A. C. 3482. Of the other New England colleges New Hampshire placed sixth, Maine ninth, Rhode Island fourteenth, Connecticut fifteenth and Vermont sixteenth. New Hampshire won first place on Ayrshires, Kansas on Guernseys, Massachusetts on Jerseys and Nebraska on Holsteins.

The highest individual score of all four classes of cattle was made by W. T. Roberts of Nebraska, who was awarded the sweepstakes scholarship of $400 offered by the De Laval Separator company. Nebraska carried off three other cups as well, the Iowa Dairy Separator scholarship of $400, the Hoard's Dairyman cup and the National Dairy show cup. The $400 scholarship offered by the Holstein-Friesian association went to Joseph Lee of North Carolina.

[Continued on page 2]

NOTICE TO COMPETITORS

The COLLEGIAN Board wish to announce that there are two positions on the business department open to sophomores instead of one, as announced last week. These lead directly to the positions of assistant business manager and assistant advertising manager in the junior year. Further particulars may be had on application to the business manager, Merrill P. Warner, 8 South college.

INTERCLASS CROSS COUNTRY MEET TO COME SATURDAY

To Finish During Freshman Game. Good Nucleus for Varsity Squad. To Elect New Track Captain.

Hard practice runs are fast rounding the M. A. C. cross country teams into good form. With Carpenter eligible, Lyons showing an improvement over last year, and Schwartz running in his old time form, there is a strong nucleus around which to build the team. Much interest is being shown by the new men who have reported and Manager Flint expects to find some good material among them.

The annual interclass meet will be held Saturday afternoon. The finish is planned to come between the halves of the freshman football game, either on Alumni field or on the road behind the grand stand. This run is expected to help in the development of the varsity men by providing some real competition, and a large entry is hoped for.

The election of a captain of track to take the place of J. Dixon Birchard, who has left college, will probably be made next week.

FIFTY LOYAL ROOTERS MAKE JOURNEY TO DARTMOUTH

Fifty or more "royal rooters" landed in Hanover last Saturday in time to see the Dartmouth game, and form a loyal Aggie cheering section. The journey was made under varying conditions, some going by train others by auto, and others by unknown methods. On the way back one machine succeeded in leaving the road and dropping over a bank, to the discomfort though not injury of the occupants. Most of the machines arrived back Saturday night and the other students came in Sunday.

UNIVERSITY EXTENSION WORK

The Connecticut Valley colleges have established an office at M.A.C. for university extension courses and lectures. These extension courses and lectures are offered in co-operation with the State Board of education, to individuals and groups of teachers, ministers, and others who desire instruction in any of the arts or sciences.

Particular information will be given by writing to the Committee on University Extension, Box 4, M. A. C.

SECOND HEARING ON M. A. C. INVESTIGATION IN BOSTON

Opposition Claims College is Classical. Several Interesting Statistics. Alumnus Defends Courses.

Severe criticism of the college was offered in good measure at the second hearing conducted by the appointed committee on investigation in Boston Friday. The familiar cry was again raised, in regard to the alleged small percentage of men going into practical farming after graduation, particularly by William M. Noble of Newton, representing the Mr. Shirley who at the legislative committee hearing last winter, made a crude attempt at sensation by charging President Butterfield with murder. Mr. Shirley also claimed to represent tax-payers who pay $2500 a year, and he gave figures to show that very few graduates return to the farm.

Mr. Noble said that in the last five years, out of 415 graduates, 53 have become farmers in Massachusetts, 11 outside, and in this state there were only 61 in all pursuits relating to the farm. These farmers, he claims, have cost Massachusetts $27,000 apiece. President Butterfield gave figures in connection with recent graduates directly and strongly contradictory to Noble's statements. In these figures the president showed that about 60 per cent. of the college graduates for 50 years were in agricultural pursuits, and in the last ten years the proportion has increased. About 80 per cent. of recent graduates are in agricultural vocations. President Butterfield stated several reasons why no more men enter agricultural occupations, chief among which were the increased demand for specialists in agricultural teaching and scientific boards connected with this work, and more particularly the unavailability of necessary capital for starting in farming immediately after graduation. It is unavoidable, he stated, that there are always some who are drawn off to other things.

Special refutation of Mr. Noble's claims was also emphatically made by Isaac Coleman, M. A. C. '13, from personal experiences since his graduation. He denounced the idea that students ought to spend time milking and plowing, and all together made "a ringing defense of the college policy, ridiculing powerfully the men who wanted narrow farm training."

Dr. David Snedden, former head of the board of education, told of the tendency of New England agriculture to rise at the present time, after a somewhat distinct decline since 1845. Only specialists and men educated to the calling can succeed, he said. He believes that agricultural education should be more and more practical.

George H. Ellis of Newton, a trustee of the college and member of the legislature for the last seven years, urged the employment of experts to investigate agricultural colleges in other states.

In addition to the members of the investigating commission the following men were present: Professors Brooks, Hurd, and Foord and Treasurer Kenney of the college. Trustees George W. Ellis, Frank W. Gerrett, Charles H. Preston and James W. Bacon, also Prof. Davis R. Dewey of the Institute of Technology.

The next hearing will be held in Springfield Thursday at 10-30 A. M., in the Administration building.

FRESHMEN WIN SLOW GAME FROM HARTFORD HIGH TEAM

In a closely fought game, the M. A. C. freshmen defeated the Hartford High School football team on Alumni field Saturday afternoon, 7 to 0. The score was made in the third quarter when rushes by the 1920 back field brought the ball from near the middle of the field to the Hartford 10 yard line. The latter held for two downs, but two successive rushes by Mallon and Cande put the ball over the line and Dewing kicked the goal. During the last quarter Hartford made game attempts to tie the score, and gained considerable ground, but the freshmen tightened up, spoiled numbers of forward passes, and put up a good enough defence to hold their advantage.

The score:

M. A. C. FRESHMEN.	HARTFORD H. S.
Lent, re	le, Steele
King, rt	lt, Dodge
McLeod, Carleton, Lothrop, rg	lg, Wright
Talmadge, c	c, Dunn
Readio, Bunker, Fuller, lg	rg, Greenberg
Gorwaiz, lt	rt, Nordlund
Gray, Readio, le	re, Weltner
Vigezzi, Bacon, Ball, qb	qb, Hubert
Mallon, rhb	lhb, Davis
Dewing, lhb	rhb, Newton
Cande, fb	fb, Meall

Score—M. A. C. 1920 7. Hartford H. S. 0. Touchown—Cande. Goal from touchdown—Dewing. Referee—Kenney. Umpire—Buttrick. Head linesman—Maginnis.

INFORMAL DANCE ORDER

For the benefit of those who are to attend the first informal dance, Oct. 28, the order of dances is given here.

1	One Step	10	One Step
2	One Step	11	One Step
3	Waltz	12	Foxtrot
4	Foxtrot	13	Waltz
5	One Step	14	One Step
6	One Step	15	Foxtrot
7	Foxtrot	16	One Step
8	One Step	17	One Step
9	Waltz	18	Waltz

HUGHES MEN RALLY

Torchlight Procession Precedes the Speeches in Stockbridge. Much Enthusiasm.

The political fervor of the coming election invaded the M. A. C. campus last Saturday evening at the time of the Hughes rally in Stockbridge hall. Before the program a number of loyal enthusiasts paraded to the center and returned, with drums, torchlights, and a large Hughes banner. The attendance at the rally was lessened by the number who made the Dartmouth trip, but about 75 gathered for the occasion. The speakers were David Buttrick '17 president, Henry J. Burt '19, Kelsey '17 and ex-Senator Ward of Shelburne Falls. Mr. Ward spoke on the "Wilson Administration and State Rights."

Arrangements have been made with President Melcher of the Amherst college Hughes club for the M. A. C. club to assist in the Amherst college rally. The Hughes challenge to the Wilson club for a debate on "The Tariff" has not been accepted as yet.

THE DARTMOUTH GAME

[Continued from page 1]

Boles received Dartmouth's kickoff and carried the ball to the 20-yard line. A fumble Dartmouth recovered but were held for downs. After one smothered play and a loss ou an end run Aggie kicked. Dartmouth made nothing on receiving the ball but immediately tore off two long gains by right and left end runs respectfully, and by a plunge through center the ball weut over the line again. Goal kicked. Score 34-0.

THIRD QUARTER

At this point Aggie made a rally. Dartmouth returned the kickoff by a long punt down the field. Aggie was penalized for offside; then made a good gain around right end. Nothing was made on the next attempt and M. A. C. kicked to the middle of the field. In the next play Dartmouth was thrown for a loss of almost five yards. Aggie's intercepting a forward pass forced Dartmouth to kick. A good gain was made on receiving the ball, theu M. A. C. was penalized for offside. Two more gains were ripped off the right tackle, followed by another around left end. More ground was gained through center when a fake kick lost the ball to Dartmouth on downs. By a long end run two skin tackle plays and a line smash the ball went across the line for Dartmouth's sixth touchdown. Gerrish kicked the goal and the score changed to 41-0.

The Green team received Aggie's kickoff and moved in to their 45-yard line, then kicked. A few minutes later Dartmouth intercepted a forward pass on the 25-yard line and made her seventh touchdown, following it by a goal. Score 48-0.

M. A. C. kicked off to Dartmouth who returned the kick only to recover the ball in the next play on a fumble.

FOURTH QUARTER

At the beginning of the fourth quarter Dartmouth fumbled twice, the second time M. A. C. recovered the ball only to kick a minute later Dartmouth made first down on a skin play through left tackle. After a long end run Aggie recovered the ball on another fumble and made gains on end runs by Pond and Moynihan. Aggie kicked. By a series of end runs the Green team scored another touchdown, which with a goal gave Dartmouth 55 points advantage.

The Maroon team kicked off. Dartmouth tried two forward passes, the first intercepted and the second caught by Pond. After a gain around left end Aggie kicked and a 35-yard run gained Dartmouth her final tally. A successful kick gave the Green team a 62-0 victory.

The line-up:

DARTMOUTH	M. A. C.
Dussoault, Cogswell, le	re, Day, Richardson
Healy, Storrs, lt	rt, Edwards, Blanchard
Neeley, Youngstrom, lg	rg, Dunn
Gile, Cunningham, Baxter, c	c, Sauter, Roberts
Merrill, Mather, Barrows, rg	lg, Spaulding, Petit
Bevan, Burns, rt	lt, Holmes
Emery, F. McDonough, Austin, re	le, E. Grayson
Cannell, S. Holbrook, McDonough, qb	qb, F. Grayson, Mack, Whittle
Thielscher, Ponder, lhb	rhb, Boles, Moynihan
Gerrish, R. Holbrook, rhb	lhb, Pond
Duhamel, Lehman, fb	fb, Weeks

Score—Dartmouth 62, M. A. C. 0. Touchdowns—Cannell, Thielscher 2, S. Holbrook, Gerrish 2, R. Holbrook 2, Ponder. Goals from touchdowns—Gerrish 6, Thielscher 2. Referee—McGrath of Boston. Umpire—Burleigh of Exeter. Head linesman—Courtney of Lafayette. Time—12-minute periods.

AGGIE BUTTER JUDGERS PLACE 7TH AT DAIRY SHOW

In the butter judging contest held at the National Dairy Show yesterday, the M. A. C. team finished seventh out of the nine colleges entered. Pennsylvania State college had little trouble in carrying off most of the honors as their team won $305 out of $500 in prizes offered. Penn. State placed men in the first three positions and they all finished within ten points of each other. William W. Thayer '17 of M. A. C. finished in tenth place in the individual scoring. The M. A. C. was composed of William W. Thayer, M. J. McNamara and Albert B. Loring, all of the senior class. The team scores were as follows:

Penn. State	2791
South Dakota	2511
Vermont	2543
Connecticut	2529
Cornell	2474
N. H. State	——
M. A. C.	2255
Ohio	——
Nebraska	——

Cox Sons & Vining
72 Madison Ave., New York

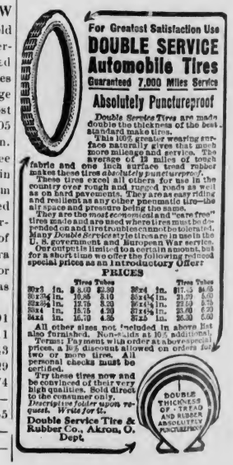
Caps
Gowns
Hoods
for all Degrees

ROBES FOR JUDICIARY, CLERGY AND CHOIR

RAHAR'S INN
Northampton, Massachusetts
EUROPEAN PLAN
The Best Place to Dine
GOOD FOOD PROPERLY PREPARED
All Kinds of Sea Food
50-cent Luncheon from 11-30 to 2 p.m.
Special Dishes at All Hours
R. J. RAHAR, Prop.

To the Students of M. A. C.
Announcing that if the boys want to have their shoes tapped with the best quality of leather, drop in and see
J. GINSBURG
11½ Amity Street

The "Nonotuck"
HOLYOKE'S LEADING HOTEL
Club Breakfasts, 25c to 75c
Business Men's Luncheon, 60c
Sunday Table d'Hote Dinner, $1.25
GORHAM BENEDICT, Mgr



VARSITY READY TO TACKLE HARVARD ON SATURDAY

Next Saturday the Harvard eleven will try to get its revenge for the surprise the M. A. C. football team sprung on them last year. There are two factors which the Harvard fans consider in figuring their prospects for a big Crimson success. The first is that their team is under the stimulus of a defeat at the hands of the Tufts team, and the second is that M. A. C. seemed extremely weak in the Dartmouth game. In fact Harvard looks forward to the game most confidently, and has even announced that the second team will start the match. The score of the M. A. C.-Dartmouth game is no sign of the Aggie team's strength however. This was the first strong team that the M. A. C. eleven has faced this year. The game was noticeable for a lack of team work, but individual players showed considerable ability. The coming week of training ought to develop the team into the same smooth running machine that faced the Crimson players last year. Aggie fans predict that though Harvard's second string men start the match they will not finish it. The probable line-up for M. A. C. will be: Captain E. Grayson halfback or end, Day and Richardson ends, Edwards, Holmes and Blanchard tackles, Spaulding, Dunn and Petit guards, Sauter and Roberts center, F. Grayson, Whittle or Mack quarterback, Boles, Pond, Moynihan halfbacks, Weeks fullback.

STOCKBRIDGE CLUB DRAWS UP PLANS FOR COMING YEAR

Ruling on Judging Teams. Discussion of Barbecue. No Meeting Wednesday.

At a recent meeting of the Stockbridge club several motions of interest to the student body were passed:

1. That a tax be levied as formerly by voluntary assessment by members on members.

2. That students not members be ineligible to competition on judging teams.

3. That the final date on which members-hip may be taken shall be arranged between instructors concerned and officials of the Stockbridge club.

In supporting the above recommendations the committee wishes to bring forward the following facts:

1. That a college course is never given primarily to train a competitive team.

2. That it is not sound education to allow students to receive benefits from service in which they do not take a part.

3. Since the Stockbridge club has in the past advertised, developed and conducted the judging competitions, it seems that any member of a competitive team is receiving benefit from the work of the club. For this reason it seems that the above recommendations are logical and sound. Finally, the committee is of the opinion that a distinctly poor sporting spirit is shown when men are not willing to join a club until assured of a place on a competitive team. A spirit of this kind should be discouraged in every way possible wherever it manifests itself.

A discussion followed, during which the following side lights on the policy for the year were brought up. The organization is to continue as last year, the sections of pomology, poultry, dairying and animal husbandry to hold separate meetings on alternate Wednesday evenings, while the club as a whole meets the Wednesday of the week not occupied by the section meeting.

The section meeting will be led by a member of the department represented, and matters of a practical nature, dealing with that particular major, are to be discussed.

Outside speakers have been secured for several of the general meetings, men who loom large in the field of agriculture, and who will bring before the members many of the problems which confront the American farmer.

Due to the National dairy show in Springfield there will be no meeting of the Stockbridge club this week.

Prospects of a barbecue for this fall were discussed, and no suitable time was found available. The student body is assured, however, of a distinctly novel and rousing "time" during the short course term, the plans of which are already in the process of formulation in the heads of certain Stockbridge club members.

EXPERIMENT STATION HAS EXHIBIT AT SPRINGFIELD

The effect of lime, humus, and inoculation on alfalfa are some of the things which the experiment station is showing at the Springfield Dairy Show under the exhibit of the Massachusetts Alfalfa Growers Association. The effect of lime on alfalfa is especially interesting as shown in the series of experiments. While no definite or verified conclusions have been drawn the crop results go to show that alfalfa grown in soil one half to three quarters neutralized by lime does much better than alfalfa grown in perfectly neutralized sweet soil. The results of liming, up to a three quarter neutralized soil are very evident in the increasing crop growth and yield.

Eight distinct varieties of alfalfa which are grown in this state are also being shown by the station.

As a part of the dairy exhibit samples of turf taken from the North Amherst station plots are being shown to give an idea of the relative results of top dressing with various quantities and kinds of fertilizer. Even a casual glance will show the great difference in texture and quality of the sod caused by the different treatments.

ONE OF CAMPION'S COLLEGE STORES

We are sole agents for the Reversible Collar Campion Custom Made Shirts, made especially for college men, from $1.50 to $6.00.

Crofut & Knapp, also Chase of New Haven Hats, from $3.00 up.

THE ENGLISH AQUASCUTUM COATS

Ready-to-wear Clothes for young men from Atterbury System-Fifth Ave., from $22.00 up.

Made-to-your-measure Clothes, from $25.00 up.

Mr. Campion personally superintends to fitting in this department and is an expert in the business.

One of the Best Custom Tailoring Departments in the State

ONYX HOSIERY MARK CROSS GLOVES KNOTHE BELTS

CAMPION'S COLLEGE STORE At Amherst

—Come to us for—

Fireplace Goods, Coat and Trouser Hangers

Ever Ready Flash Lights and Paint

Clothes and Shoe Brushes

Anything in Hardware and Cooking Utensils

Always glad to see you.

THE MUTUAL PLUMBING & HEATING CO.

Burpee's Seeds Grow

FOR forty years we have rendered faithful service. For forty years we have tried to make each year's service more nearly ideal. This untiring effort has built for us not only The World's Largest Mail Order Seed Business, but also a World Wide reputation for Efficiency and undisputed leadership. The Fortieth Anniversary Edition of Burpee's Annual, the "Leading American Seed Catalog" is brighter and better than ever. It is mailed free. A postcard will bring it.

W. ATLEE BURPEE & CO., Seed Growers,
Burpee Buildings Philadelphia

Page's Shoe Store
Largest Stock—Lowest Prices
Expert Repairing—Best leather used

JACKSON & CUTLER
—DEALERS IN—
Dry and Fancy Goods and Choice Family Groceries

THE MASSACHUSETTS COLLEGIAN

Published every Tuesday evening by the Students of the Massachusetts Agricultural College.

BOARD OF EDITORS.

RICHARD W. SMITH '17. Editor-in-Chief
MARSHALL O. LANPHEAR '18, M'ging Editor
MILFORD R. LAWRENCE '17, Assistant Editor
WILLIAM SAVILLE, JR. '17. Alumni Editor

ASSOCIATE EDITORS.

JOHN T. HOZER '17
JOSEPH F. WHITNEY '17
FRANK J. BINKS '18
NATHAN W. GILLETTE '18
EDWARD N. MITCHELL '18
ELIOT M. BEEFEM '19
MYRTON F. EVANS '19

BUSINESS DEPARTMENT.

MERRILL P. WARNER '17, Business Manager
JAMES C. POWELL '18, Assistant Business Manager
BIRGER R. ROSEQUIST '18, Advertising Manager

Subscription $1.50 per year. Single copies, 5 cents. Make all orders payable to **Merrill P. Warner.**

In case of change of address, subscribers will please notify the business manager as soon as possible.

Entered as second-class matter at the Amherst Post Office.

Vol. XXVII. Tuesday, Oct. 17. No. 3

ALTHOUGH the competition editor has not as yet been overwhelmed by applicants who wish to try out for the editorial board of this publication, we feel there are some members of the junior and sophomore classes who can spare the relatively small amount of time required to be a successful competitor in a field which offers so much in the way of journalistic experience. Our appeal is directed largely to those juniors who at present are not engaged in other activities and who would therefore be able to devote their spare time more exclusively to the good of the paper. Each day's delay means so much handicap in getting the required number of points; wherefore we urge prospective competitors to hand in their names at the earliest possible date.

AN Aggie team has returned from Hanover defeated by a score that is unparalleled for size in the history of our relations with Dartmouth. Whereupon gloom spreads itself over the face of the professional grouch and he says that the team and the system are rotten. Being a man who has learned football through the sporting page and the back row of the bleachers, he ought to know what he is talking about. Just where he gets his license to knock we know not, but we do have a burning desire to squelch his first attempt at criticising a team and coaches who are giving everything they have to uphold the reputation of the old college. A hard schedule is before them and they need more than ever the united backing of the entire student body. We trust that the loyal Aggie rooters outnumber the would-be critics by at least ten to one, which is but another way of saying that a knocker should be about as popular on the campus as the proverbial wood-pussy at a garden fete.

SOME of the criticisms of the college brought out in the recent hearing before the investigation committee in Boston make us wonder a little as to just what constitutes a college of agriculture. Is it simply a place to learn by practice the various operations of farm work so as to be turned out at the end of three or four years as "practical farmers?" We venture to say that if this opinion were general among the young men of the state there would be no further cry for dormitories at the agricultural college — the present facilities would be ample for all the students who would wish to attend. The reason is simple enough. An intelligent young American is not likely to spend his money learning in a college that which he can be paid for learning on a farm. The effectiveness of agricultural college training should be measured not in terms of the number of farmers it turns out but by the service of its graduates to the welfare of the state. It is a question for debate as to which is of more value to the community, a practical farmer or an agricultural specialist, who though he never work a farm, may be the means of saving money for other farmers. The function of this college, as we see it, is to train such agricultural specialists.

Another statement of the critics of the college which becomes more and more significant as we analyze it is to the effect that the college spends too much time in the study of humanities. Such an opinion is right in line with the archaic idea that a farmer should be of a class apart, an inferior class without other interest than that of tilling the soil for the benefit of the cultured dwellers of the cities. No one has yet offered any valid reason why farmers should not have the same appreciation as city people of the finer things of life, and indeed, county agents tell us that of the many questions brought to them by farmers in the course of their visits more than half require for their answering knowledge entirely divorced from the ideas of strictly practical agriculture. Only by a contemporary study of the humanities can an agricultural student receive the broad foundational training necessary to his usefulness in the community.

We believe furthermore that the comparatively small number of graduates who actually own farms of their own is due largely to economic conditions rather than to any lack of training furnished by the college. The average man who graduates from an agricultural college has not the capital necessary to start farming for himself, and so enters some allied line of business in order to accumulate the necessary capital. Finding the business congenial and offering good chances for advancement he gives up his hopes for the farm and stays with the job. Although having the best intentions in the world of becoming a farmer, other forces have acted on him to force him into other lines of work. Statistics of Aggie graduates show, however, a very large proportion of men engaged in agricultural pursuits when we take these words in their broadest sense. Just so long as this college continues to turn out men with a sympathy for agriculture and a scientific training adapting them to agricultural pursuits just so long will it remain in the position of leadership which it has obtained through years of patient struggle from a farm school to a real college.

CAMPUS CALENDAR

[Notices for this column should be dropped in at the COLLEGIAN office or handed to Nathan W. Gillette '18 on or before the Monday preceding each issue.]

TUESDAY, OCT. 17.

6-45 P. M.—Glee Club Rehearsal, Social Union.

7-00 P. M.—Wax Tread, Drill Hall, College Orchestra.

WEDNESDAY, OCT. 18.

2-10 P. M.—Assembly. Mr. Fred B. Freeman, Secretary of County Work, International Y. M. C. A., New York City.

THURSDAY OCT. 19.

Class exercises suspended —National Dairy Show, Springfield.

10-30 A. M. Hearing for Commission on Investigation, Springfield.

6-30 P. M.—Y. M. C. A. Meeting in Old Chapel.

6-45 P. M.—Mandolin Club Rehearsal, Social Union.

FRIDAY, OCT. 20.

6-45 P. M.—Mandolin Club Rehearsal, Social Union.

SATURDAY, OCT 21.

2-30 P. M.—Freshman Football. 1920 vs. Worcester North High at Amherst.
Interclass cross county between halves of the Freshman game.

3-00 P. M.—Varsity Football. M. A. C. vs. Harvard at Cambridge.

8-00 P. M.—President's Reception to the Freshmen.

KAPPA SIGMA GETS CUP

In the deciding game of the interfraternity baseball league Thursday afternoon Beta Kappa Phi defeated Alpha Sigma Phi 12-3. The winners pounded Sedgwick hard and secured a lead of seven runs in the first inning. The feature of the game was the playing of Clough. He secured two healthy clouts and by a sensational running catch robbed Kennedy of what looked like a sure home run in the fifth inning.

Beta Kappa Phi.	7	3	2	0	0	0	0	0	12
Alpha Sigma Phi.	0	0	0	0	1	1	0	1	3

Batteries—Binks and Sawyer, Sedgwick, Kennedy and Thompson. Umpire—Larson. Scorer—Spaulding. Time 1 hour.

By losing this game Alpha Sigma Phi lost their last chance to win the interfraternity title. Kappa Sigma is now entitled to the cup awarded to the winner of the baseball series.

"BIDE-A-WEE"
Creamed Chicken and Waffles
Our Specialty—And other good things to eat
MRS. L. M. STEBBINS,
Middle Street, Hadley, Mass
Tel. 415-W

UNITY CHURCH
NORTH PLEASANT ST.
A Church home of the liberal Faith, where every student will meet with a cordial welcome.
REGULAR SUNDAY SERVICE AT 7 P. M.

FLEMING'S SHOE STORE
Northampton

FLOWERS AND PLANTS
Grown by the Floricultural Dept.
We offer our surplus stock of cut flowers and plants at reasonable rates to students and faculty. This stock is grown in modern houses under ideal conditions. Roses, carnations, violets, chrysanthemums and sweet peas in season.
GROWN ON THE CAMPUS
Telephone 300

MASS.——MASS.
MASSACHUSETTS
Rah! Rah! Rah!
Black and White
Black and White
Black and White
CIGARETTES
Strikingly Superior...
HENRY ADAMS & CO.
— The Rexall Store —

DE LAVAL
Cream Separator Supremacy
38 YEARS of LEADERSHIP
OVER 38 years of experience and thousands of tests the world over have demonstrated the De Laval to be the only thoroughly clean skimming cream separator. Superior construction throughout makes possible greater capacity, cleaner skimming and a heavier cream than can be secured with any other machine.
The driving mechanism of the De Laval is perfectly oiled and the bowl runs at slow speed, all of which is conducive to the long life of the machine. A De Laval will last from 15 to 20 years, while the life of other cream separators averages from 3 to 5 years. Not a year goes by but what some improvement is made in De Laval machines, and no stone is left unturned by the De Laval Company to insure to every De Laval user the greatest possible service from his machine.
More De Lavals are sold every year than all other makes combined, and De Laval users are satisfied users—not only when the machine is new but during the many years of its life.
The De Laval Separator Co.
165 BROADWAY NEW YORK
29 E. MADISON ST CHICAGO

CAMPUS NOTES

"Apple Day" took place Tuesday, Oct. 17.

President Butterfield will tender a reception to the Freshmen Saturday night at the president's house.

Milk Inspector's Day will be observed at the college Thursday morning. Milk inspectors from various parts of the country will be here.

Preparations will begin this evening for Saturday's informal. A wax tread will be held and the college orchestra will furnish the music while incidentally practicing for the informal.

Prof. John B. Scherrer, head of the departments of floriculture and landscape gardening at the New Hampshire State College, spent Monday on the Campus inspecting the work done here.

Sigma Phi Epsilon wishes to announce the initiation of Walter Irving Cross '17 of Hingham, George Burdette Castle '19 of Pittsfield, and Adelbert Newton '19 of Pittsfield on Oct. 6.

Lewis Lyons '18, helped Rockland Grange win the state grange championship in athletics at the Eastern States Exposition at Springfield. Rockland defeated Wilbraham 58 to 27. Lyons won first in the mile, hop, step and jump, and the 220-yard dash and second in the 100-yard dash.

SCHEDULE OF TRAINS, HAMP TO NATIONAL DAIRY SHOW

	A. M.		
Lv. Northamp'n,	6.00;	Arr. Spr'fld,	6.40
"	7.02;	" "	7.38
"	7.08;	" "	7.40
"	7.34;	" "	8.13
"	8.25;	" "	8.58
"	8.30;	" "	9.03
"	9.22;	" "	10.03
"	11.04;	" "	11.38
	P. M.		
"	12.05;	" "	12.42
"	1.30;	" "	2.12
"	3.28;	" "	4.00
"	4.45;	" "	5.14
"	5.43;	" "	6.20
"	5.57;	" "	6.30
"	6.40;	" "	7.18
"	7.11;	" "	7.51
"	7.37;	" "	8.09
"	8.30;	" "	9.05
"	9.15;	" "	9.50
"	9.55;	" "	10.30
"	11.25;	" "	12.00
	A. M.		
Lv. Spr'fld	6.00;	Arr. Northampton	6.37
"	6.50;	" "	7.21
"	7.15;	" "	7.53
"	8.00;	" "	8.36
"	9.05;	" "	9.37
"	10.30;	" "	11.05
"	11.55;	" "	12.32
"	12.20;	" "	12.48
	P. M.		
"	1.05;	" "	1.46
"	2.00;	" "	2.37
"	3.00;	" "	3.29
"	3.30;	" "	4.01
"	4.37;	" "	5.15
"	5.10;	" "	5.50
"	5.45;	" "	6.25
"	6.32;	" "	7.16
"	7.30;	" "	8.07
"	8.55;	" "	9.25
"	10.50;	" "	11.06
"	11.15;	" "	11.51

DAY ELECTED TO SENATE

Seven Men Also Elected to Informal Committee

James H. Day '17 of Hatfield was elected to the College Senate at assembly last Wednesday, being chosen to fill the vacancy caused by the resignation of J. Dixon Birchard of Springfield. The following informal committee was also elected: Carl A. Gurshin of Lynn, Edmund B. Hill of Rutherford, N. J., William Saville, Jr., of Waban, and Arthur F. Williams of Sunderland, senior members; John A. Chapman of Salem, Kenneth L. Messenger of Winsted, Conn., and Lewis W. Spaulding of South Hingham, junior members.

PROPOSED STRAW VOTE

National Results May Be Forecasted at M. A. C. Polls

Hughes or Wilson? To settle this question of political supremacy the College Senate is seriously considering a straw ballot, to be taken a few days before the regular election.

The plan, if put into operation, will be to have a regular polling place about the campus where students can stop and vote, after being exposed to the heated electioneering of the various party enthusiasts. In other colleges the idea has worked out well and with the present party feeling it should prove extremely interesting to the student body.

RURAL ORGANIZATION

The seventh annual conference on Rural Organization was held in the Chapel this week Monday and Tuesday. About 25 people attended. The program consisted of discussions on problems of rural organization, organization projects, agricultural resources of the state, and the rural policy and problem in Massachusetts. Among the speakers were President Butterfield, Dr. Cance, Professor Morgan and Professor Hurd.

MOVIES FRIDAY NIGHT

Although the ban has been lifted on the rule which kept students in town until after October 11th on account of the infantile paralysis scare, and which also barred them from attendance at the local "movie" show, the demand for good pictures is so great that two more five-reel features will be shown in the Auditorium Friday night.

FRATERNITY PLEDGES

Σ. Φ. Ε.

Carl Berghold '19, Newport, R. I.

THETA CHI.

Frederick Eugene Cole '19, South Portland, Me.
Erskine Harvey '19, Washington, D. C.
Forrest S. Hance '18, Paterson, N. J.

ALPHA SIGMA PHI.

Frank D. Leary '19, Brockton.

DOING PRACTICAL WORK

Despite the forlorn cry of the opposition at the M. A. C. Investigation hearings in regard to classicism at Aggie, Juniors taking Pom 50 find their work very practical. Real experience is gained picking and cutting apples, pears and grapes. Notice is also made of where the strawberry patches are, real knowledge to be used next spring.

Freshmen are dividing part of the time between the Grinnell Arena where they are judging live stock and the Chem. laboratory, where superphosphate is the desired result of their work.

The building of up-to-date poultry houses is keeping the rural engineering class busy while some of the poultry enthusiasts are keeping the chickens in good condition in similar houses.

The seniors in pomology have taken on some of the duties usually attributed to the housewife. Two rooms have been fixed up in the cold storage plant and here the pomologists have been making grape juice, apple butter, jelly, and canning plums. When not engaged in this work they are learning the correct fruit packing and picking methods by doing the work themselves.

Juniors in floriculture are doing a complete piece of reglazing on the old plant house north of French Hall range in an attempt to keep this oldest campus greenhouse in usable condition.

WHY SUPPER WAS LATE

Dinner was late at the Dining Hall Monday evening owing to some argument among the workers behind the counter and "below the decks." Friction arose owing to an accidental breaking of dishes. A conference between the workers and Mr. F. C. Kenney smoothed out the matter satisfactorily to all concerned.

FRESHMEN VS. WORCESTER

With one victory to its credit and one defeat chalked up against it, the Freshmen foot-ball team meets Worcester North High on Alumni Field next Saturday. North High has one of the strongest high school teams in the state this year, and a hard close game is expected.

NO THREATENED STRIKE

The recent increase in wages of waiters at the dining hall came as the result of a new policy in regard to student labor and not because of a threatened strike, as erroneously reported in last week's COLLEGIAN. Treasurer Kenney had already granted the purposed raise in pay even before the Senate committee took the matter up with him in behalf of the men affected. While one or two individuals may have threatened to quit work no move toward a general strike was anticipated by the Senate committee.

THE
United States Hotel
Beach, Lincoln and Kingston Sts.
BOSTON, MASS.
Only two blocks from South Terminal Station, and easily reached from North Station by Elevated Railway, and convenient alike to the great retail shopping and business centre, also to the theatres and places of interest.
European Plan $1.00 per Day and Upwards
Table and service unsurpassed. Booklet and map sent upon application.
TILLY HAYNES, Proprietor JAMES C. HICKEY, Manager

WEBSTER'S STUDIO
Everything in Photography
GROUPS A SPECIALTY
Good work speaks for itself.
NASH BLOCK, AMHERST, MASS.

AMHERST BOOK STORE
Note Books Fountain Pens
Agents for Rex Typewriter
F. M. CURRAN C. F. DYER

STUDENT FURNITURE
RUGS
CARPETS
Largest assortment in New England of Special Student Furnishings.
LOWER EXPENSES Enable us to offer an absolute lower price.
AMHERST FURNITURE AND CARPET ROOMS
E. D. MARSH ESTATE

ESTABLISHED 1802
STEPHEN LANE FOLGER, Inc.
MANUFACTURING JEWELERS
180 BROADWAY, NEW YORK
CLUB AND COLLEGE PINS AND RINGS
GOLD, SILVER AND BRONZE MEDALS

JOIN THE BUNCH AT
EPSTEIN'S TAILORING PARLORS
Now located over post office. Up one flight
Pressing and Cleaning a Specialty
Liberal Ticket System Tel. 36-M

College Stationery
With Class Numerals.
Magazines, Newspapers and Fountain Pens
A. J. HASTINGS
Newsdealer and Stationer

1915 NOTES

Richard Fuller left last Wednesday for Cuba where he is to work on a cane sugar plantation.

Paul Hildreth is with the Rand Co. in North Tonawanda, N. Y.

"Blondie" Marsh is now teaching in Gorham, N. H.

Herbert H. Archibald was married to Miss Frances Bales in Wilton, N. H. on Aug. 16. "Archie" is still principal of the Wilton high school.

John C. Callard ex. '15, is manager of the Buffalo branch of the Boston Belting Co.

Daniel Lewis was married to Miss Alice Gilbert last week.

It is reported from several sources that Sumner A. Dole, otherwise "Husky," is engaged to be married.

Robert T. Frost was married Oct. 6 to Signe Tornberg of Brockton. "Bob" is in the tree surgery business at Brockton and will make this his home.

A very enthusiastic letter has has just come to hand from W. A. Cleveland. "Grover" is instructor in general science and agriculture in the high school at Poplar Bluffs, Mo. He writes that he has just made his first acquaintance with rice and cotton farming and on the whole likes the west almost as well as New England. There is a report that in the near future the population of Poplar Bluffs is to be increased and that of Massachusetts decreased by one.

Donald H. Cande announces his engagement to Miss Dorothy A. Nelson of Dover, N. H.

S. S. HYDE
JEWELER & OPTICIAN
Now at 13 Pleasant St.
Oculists' Prescriptions Filled. Broken Lenses Accurately Replaced. Fine Watch Repairing Promptly and Skilfully Done. Satisfaction Guaranteed

E. B. DICKINSON, D.D.S.
DENTAL ROOMS
Williams Block, Amherst, Mass
Office Hours 9 to 12 a. m., 1-30 to 5 p. m.

The Highland Hotel
Corner of Hillman and Barnes Streets, three blocks from the Union Depot, is a modern hostelry run on the European Plan. It is just a step from Main Street, away from the noise and dust and yet in the center of the business district.

Its rooms are well furnished and comfortable, having a telephone and hot and cold running water in every room. Prices $1 and up; rooms with bath (single) $1.50 and up.

Its excellent cuisine and well ventilated dining room makes a meal a pleasant memory—everything of the highest quality, well cooked and served in the best possible manner.

Stay at the Highland Hotel once and you will anticipate staying there again. Music every evening.

D. H. SIEVERS,
Highland Hotel. Springfield, Mass.

The Holyoke Valve & Hydrant Co.
Jobbers of Wrought Iron and Brass Pipe, Valves and Fittings for Steam, Water and Gas, Asbestos and Magnesia Boiler and Pipe Coverings. Pipe Cut to Sketch. Mill Supplies. Engineers and Contractors for Steam and Hot Water Heating, Automatic Sprinkler Systems, Boiler and Engine Connections. Holyoke, Mass.

BECKMAN'S
Candies and Ice Cream
"HAMP"

JOHNSON BOOK CO.
Agricultural Books
and Filing Cases
BABBITT & WOODWORTH
Alpha Sigma Phi House

COPLEY SQUARE HOTEL
Huntington Ave., Exeter and Blagden Sts., Boston, Mass.
Headquarters for College Men when in the city.
JOHN HOWARD LACY, Prop.

F. A. SHEPARD
MEN'S STORE
Shoes Hats Furnishings
Local Agent for
E. V. PRICE CO., LAMM CO., BROWNING, KING & CO., Custom Tailors
OUR DISCOUNT TICKET SAVES YOU 5%

Carpenter & Morehouse,
PRINTERS,
No. 1, Cook Place, Amherst, Mass.

STUDENT LABOR DISCUSSED

Subject at Wednesday Assembly. Complaint in Regard to Quality of Work Done.

President Butterfield gave a most interesting talk at last week's assembly on the student labor problem. How to solve this question has become a serious problem at M. A. C. That the matter is of importance is shown by the fact that in 1914 the college expended $25,000 for student labor. This included the equivalent of wages for the men who work in the dining hall, figured as cash, and also the money paid men who worked at the college in the summer.

From the heads of some departments come serious objections to student labor; they say it too often is inefficient and inadaptable. In the grounds, horticultnre, and farm departments there is a large demand for work at the beginning of each year, but "the fever soon dies out and there is often no labor available for these departments at times when it is badly needed." This makes it necessary to hire regular outside labor. Other departments complain that student labor is not satisfactory. These complaints have been particularly strong concerning janitor work done by students. The employment committee has decided to put student labor on a different basis, and has adopted a set of rules intended to lessen or remove cause for complaint including student employees when they are proved to be unsatisfactory.

"MICRO" DEPARTMENT READY TO MOVE TO NEW BUILDING

The microbiology department will move into its new home on the east campus the first part of next week. The rooms to be vacated by the microbiology department in Flint laboratory will be made into a reading room for the dairy department. It is also planned to establish a laundry in the room in the basement of Flint laboratory which now serves as a reading room. The suits used by the dairy department will be washed there. This will give the students majoring in dairying some experience in laundering, which is important inasmuch as many large dairies are establishing laundries at their plants.

MARKET GARDEN SUB-STATION

The committee appointed to select a site for a market garden substation has made several trips through the market garden districts of the state, but have made no selection as yet. The committee consists of seventeen men from the college board of trustees and the market gardeners association. Last Friday this committee looked over a number of farms in and around Lexington and Arlington in the Boston market garden district. The work of the substation will be to investigate market gardening difficulties and to suggest remedies and improvements.

INDEX MEN GETTING BUSY

Bigger, better, classier, dandier, funnier, only begins to describe the big edition of the 1918 *Index* purchasable for only $2.50 of the coin of the realm. We are hindered in our description of the junior annual due to the objection of our big chief, "Russ" who objects to our disclosing his many novel innovations. But, if you'll promise not to tell our worthy "ed," we will give you a little advance dope. "Hig," our class humorist, told us on the "q-t" this a. m that the grinds are funnier than Billy's physics; while "Beauy," our eminent artist, bids fair to outdo James Montgomery Flagg, Charles Dana Gibson and Howard Chandler Christy combined, in his new creations. Just wait until you see those write-ups, class histories, editorial articles, etc., if you don't pronounce them the best ever we'll buy you a new folded brown derby. Well our space is all used up so we will postpone that dope we promised until next time. Just keep your eyes peeled on this space for more "inside stuff." *Adv.*

DEAN'S SATURDAYS

Dean's Saturdays are scheduled for Nov. 4 and Dec. 2 of the present term. There will be only two boards a term instead of three a semester as in previous years

JUNIOR ATHLETIC COMMITTEE

William I. Goodwin of Haverhill and Oliver G. Pratt of Salem have been elected to represent the junior class on the interclass athletic committee. Elections for the junior prom committee will be made by the class at a near future meeting.

FRESHMEN ELECT

At a meeting of the freshman football team, Richard H. Gorwaiz of Newburyport was chosen captain for the rest of the season.

1916 NOTES

George Danforth is teaching in the high school at Royalton, Minn.

P. A. Plaisted, who is with the Westinghouse Co. in Springfield, accidentally shot himself in the foot a few weeks ago, but is fast recovering from the inconvenience of limping around

R. L. Chisholm visited the college last week preparatory to his departure to Cuba where he is to work on a cane sugar plantation.

P. B. Jordan was married to Miss Marion B. Carter at Danvers on Sept. 7.

H. B. Mahan has charge of an extensive orchard on the Rice farm in Brattleboro, Vt.

"Charlie" Huntington was seen about the campus during the week end. Herbert Bishop, "Doc" Mooney and "Charlie" Moses were also in town. "Mose" is running a sheep farm up in Ticonderoga.

CONCERT AT HADLEY

The management of the musical clubs already has one good date salted down for the schedule The fun is set for Dec. 1 in Hadley town hall. There will be a concert and dance under the auspices of Hopkins Academy.

ORCHARD PRODUCES SPIES OF QUANTITY AND QUALITY

Northern spy trees in the college orchards have surprised the pomology department with a crop that is remarkable in both quantity and quality. "I doubt that I ever had spies any larger or more uniform and highly colored," says Prof. Frank A. Waugh, while Associate Professor Walter W. Chenoweth calls the crop so fine as to be almost startling. The department regards the production as significant, because comparatively few sections are adapted to growing spies, and choice spy fruit commands a price running up to $9 a barrel, sometimes selling for about twice what less desirable apples bring. Foreman John Openshaw has prepared a box to be exhibited at the Eastern States Exposition at Springfield. The trees are eight years old.

ALUMNI NOTES

'71—Mr. E. B. Smead has resigned as the principal of the Watkinson Farm School in Hartford, Conn., the resignation to take effect February, 1917. He has had the position for 31 years and is retiring at this time in order to seek rest and recreation.

'80.—A. L. Fowler of Haddonfield, N. J. is now state bank examiner for southern New Jersey.

'14.—The engagement of Harry Brown to Miss Ruth Thatcher of Littleton, has been announced.

The Great American Smoke

Fall in line with hundreds of thousands of red-blooded smokers of the good old U. S. A. Smoke the cigarette tobacco that's been an American institution for three generations—"Bull" Durham. The rich, relishy, star-spangled taste of "Bull" Durham puts the national spirit of get-up-and-hustle into your hand-rolled cigarette. "Bull" Durham is the freshest, snappiest, liveliest of smokes.

GENUINE
"BULL" DURHAM
SMOKING TOBACCO

"Roll your own" with "Bull" Durham and you'll find a far greater satisfaction in smoking your cigarette than you ever did before.

Made of the richest, mildest leaf grown, "Bull" Durham has a delightful mellow-sweet flavor found in no other tobacco.

Men who never smoked cigarettes before are now "rolling their own" with "Bull" Durham.

Ask for FREE package of papers with each 5c sack

FREE An Illustrated Booklet, showing correct way to "Roll Your Own" Cigarettes, and a package of cigarette papers, will both be mailed, free, to any address in U. S. on request. Address "Bull" Durham, Durham, N. C.

THE AMERICAN TOBACCO CO.

- WELCOME -
1920

Come in and let us help you get started RIGHT

We have the largest stock of young men's clothing we have ever shown.

You know the kind Hart Schaffner & Marx make.

All our haberdashery is of the best and our prices are always the LOWEST.

Ask any upper-class man about

SANDERSON & THOMPSON

School and College Photographers . . .
White Studio
LOCALLY: 52 Center St., Northampton Mass., and South Hadley, Mass
MAIN OFFICE: 1546-1548 Broadway, New York City
These Studios offer the best skilled artists and most complete equipment obtainable

E. FRANK COE FERTILIZERS
The Business Farmer's Standard for Over 55 Years
RELIABLE AGENTS WANTED
Write to Local Agency Manager
THE COE-MORTIMER CO.
51 Chambers St., New York City

NATIONAL DAIRY SHOW

[Continued from page 1]

South Dakota State college sent her team the greatest distance, from Brookings, S. D. to Springfield. Other teams which traveled long distances to compete in the contest were North Carolina, Missouri, Nebraska, Kansas, and Iowa. Individual scores in the various breeds follow:

GUERNSEYS.

J. R. Dawson, Kansas,	322.5
W. D. Eastman, New York,	331.25
H. H. Hawes, Rhode Island,	330 0

AYRSHIRES.

W. F. Roberts, Nebraska,	327
L. B. Wood, Maine,	317
M. H. Benson, New Hampshire,	316

JERSEYS.

C. H. Clough, Massachusetts,	362 2
S. W. Mead, Connecticut,	341.0
S. W. Noyes, Massachusetts,	242.4

HOLSTEINS.

W. F. Roberts, Nebraska,	348.75
Joseph Lee, North Carolina,	335.00
J. R. Dawson, Kansas,	330.00

1913 NOTES

James W. Dayton, Horticultural Instructor. The Theodore N. Vail Agricultural School and Farms, Lyndon Center, Vt. "Jimmie" attending the Dairy Show stopped off at college for a week end.

Stuart D. Samson, Farm Superintendent, Hillside St., Milton. "Big Sam" left his family long enough to take in the Dairy Show and make a flying trip to college.

Harold F. Jones, Los Mochis, Sinaloa, Mexico, with United Sugar Companies, returned from Mexico long enough to say how dee and beat it back, after strongly recommending Wilson's Mexican policies and buying Miller Jordan another tennis sweater.

Dean F. Baker and family spent their summer vacation in Amherst, where Dean spent a four years' vacation. "Beanie" is draughtsman for the Brecht Co., 174 Pearl St., New York City.

Lawrence A. Bevan, the Agricultural Instructor from Concord was seen prowling around the National Dairy Show at Springfield last week.

Isaac Coleman, Holstein specialist and gentleman farmer, visited college last week. Isaac is going to buy a farm soon to settle down. Home address, 381 Huntington Ave., Boston.

James D. French, back from Honolulu, farm managing down near Clyde Cristman somewhere, Sherbon. "Dud" is contemplating getting married, hence his silence.

Harold W Hyland, Instructor in Science, High School, Hemet, Cal. "Dick" visited college this summer with his usual line and is still single.

'08—Mr. F. L. Edwards has been appointed to the position to be left vacant by Mr. E. B. Smead. Mr. Edwards is now principal of the Agricultural High School in Petersham.

The Massachusetts Agricultural College

Offers courses of instruction in twenty seven teaching departments, which embrace the study of

Agriculture, Horticulture, Science, Humanities and Rural Social Science.

A student may specialize in the following subjects:

Agriculture
Agronomy
Animal Husbandry
Dairying
Poultry Husbandry
Rural Journalism
Floriculture
Forestry
Landscape Gardening
Pomology
Agricultural Chemistry
Agricultural Economics
Economic Entomology
Microbiology
Economic Botany
Agricultural Education
Rural Social Science

For complete catalog and illustrated booklet, write

KENYON L. BUTTERFIELD, PRESIDENT
AMHERST, MASS.

COLLEGIAN DIRECTORY

Associate Alumni,	C. A. Peters, Secretary
Joint Committee on Intercollegiate Athletics,	H. M. Gore, Secretary
M. A. C. Athletic Field Association,	C. S. Hicks, Treasurer
Non-Athletic Association,	H. E. Robbins, Manager
The College Senate,	L. T. Buckman, President
Football Association,	R. L. Holden, Manager
Baseball Association,	R. D. Hawley, Manager
Track Association,	O. S. Flint, Manager
Hockey Association,	M. R. Lawrence, Manager
Basketball Association,	N. Moorhouse, Manager
Rifle Club,	S. F. Tuthill, President
Roister Doisters,	A. F. Williams, Manager
Musical Association,	D. M. Lipshires, Manager
Nineteen Hundred Seventeen Index.	F. W. Mayo, Manager
Nineteen Hundred Eighteen Index,	K. L. Messenger, Manager
M. A. C. Christian Association,	D. O. Merrill, President
M. A. C. Catholic Club,	E. L. King, President
Fraternity Conference,	L. T. Buckman, President
Stockbridge Club,	M. J. McNamara, President

There are Several Good Reasons why you should buy your
COAL
OF
C. R. ELDER

WOODWARD'S LUNCH
27 Main St. Masonic Bldg.,
Northampton, Mass.
Lunches, Soda, Ice Cream
Closed only from 1 A. M. to 4 A. M.

The Connecticut Valley Street Railway
From Amherst, via Northampton, through the Hatfields, past the foot of Sugar Loaf Mt., alongside the famous Bloody Brook battle ground to Old Deerfield, thence to Greenfield, Turners Falls and across the "Plains" to Lake Pleasant, Montague and Millers Falls.
50 Miles of Trackage—Modern Equipment—Train Dispatching System—Freight and Express Service over entire line.
Connecticut Valley Street Railway Company

Jacob Reed's Sons are the leading manufacturers of
UNIFORMS
For college and military schools, and have won and maintain their prestige by sheer merit. The uniforms worn at Massachusetts Agricultural College are finished examples of our product.
JACOB REED'S SONS.
Makers of "Gold Medal Uniforms."
1424-1426 Chestnut St., Philadelphia, Pa.

FOUNTAIN PENS
Moore's Swan's
Waterman's
Thirty-six dozen pens to select from.
—OUR RULE—
"Satisfaction guaranteed or money refunded."
DEUEL'S DRUG STORE

COLLEGE SHOES
We carry the largest stock in the state outside of Boston.
MODERN REPAIR DEPT
E. M. BOLLES
THE SHOEMAN

CARS
Leave AGGIE COLLEGE for HOLYOKE at 15 min. past the hour.
CARS
Leave AMHERST for AGGIE COLLEGE at 7 and 37 min. past the hour.
Special Cars at Reasonable Rates
AMHERST & SUNDERLAND ST. RY. CO

THE TENPIN PARLOR
Cleansing Pressing Repairing
Quickest service, Best Work Lowest Price
All work carefully done. Work called for and delivered. Gents' overcoats, suits, pants and coats. Ladies' fine linen suits a specialty.
Teams will call every day at M. A. C.
WM. FRANKLIN, Prop.
Rear Nash Blk, Amherst Tel. No 30-4

Amherst
CO-OP LAUNDRY
High-Grade College Work

Shirts,	10-15c
Collars,	2 1-2c
Cuffs,	2 1-2c
Plain wash,	48c per doz.
Same, rough dry,	30c per doz.

DRY CLEANING AND PRESSING
Steam Pressing 40c, 3 Suits for $1.00
Dry Cleaning and Pressing, $1.50 a Suit
All bills payable at Co-op. Store and parcels left there will receive prompt attention.
GRAYSON '17, Agent
HIGGINBOTHAM '17, Asst. Agent

Library of the Mass Agri College

THE MASSACHUSETTS COLLEGIAN

MASSACHUSETTS AGRICULTURAL COLLEGE

Vol. XXVII. Amherst, Mass., Tuesday, October 24, 1916. No. 4

VARSITY FALLS BEFORE A SUPERIOR HARVARD WEIGHT

Fights Gamely but Loses 47-0. Fumbles Costly to Both Sides.

Handicapped by its comparatively light weight, and lacking speed and defensive power when most needed, the M. A. C. football team was overpowered by Harvard in the Stadium at Cambridge Saturday by the score of 47 to 0. It was not truthfully by a "soft snap" however, that Haughton's men gained their seven touchdowns with goals from five of them, for the losers fought gamely, though in vain, to stem the Crimson tide. Harvard's machine, with its far greater weight, and frequent substitutions of fresh players, often required all of the four alloted attempts to gain a first down, and many times resorted to kicking, in which department they were little stronger than their opponents.

Fumbling was a costly weakness of both teams, showing overeagerness on the winners' side and nervousness on the losers'. The first two touchdowns closely followed Aggie fumbles within 20 yards of her own goal. On the other hand, [illegible] times, once in the second [illegible]od on the Massachusetts 5-yard [illegible], once in the third on the 9-yard [illegible], and again in the last quarter [illegible] 12 yards away, Harvard's backfield fumbles were recovered by [illegible]gie men, preventing almost certain scores.

Two attempts at drop-kick goals from the field were made by the Crimson, the first in the opening period from the 20-yard line, and the other in the final quarter after being held twice without gain on the M. A. C. 30-yard line. Both were hurried and went wide.

Little use was made of the open game by either eleven. Of Aggie's three attempts at forward-passing two went incomplete, and the other was intercepted by Thrasher in the second quarter, bringing the ball to Bay State's 20-yard line, whence Casey, aided by strong line holding, crossed the final line on the next play for the fourth touchdown of the contest. Harvard used straight football almost entirely, and tried only two forward passes, the first being intercepted by Moynihan on

Continued on page 3]

ARRANGEMENTS FOR AGGIE NIGHT AFTER TUFTS GAME

"Sibyl", Musical Comedy, Attraction at Colonial Theatre. Limited Number of Tickets.

Last year the custom was inaugurated of having an "Aggie Night" at some desirable theater, where the students who go to Boston for the Tufts-M. A. C. football game, could attend in a body. The "Follies of 1915" were selected last year and the success of the whole undertaking was unquestionable.

For this year the musical comedy "Sibyl" just released from New York, has been chosen, which features Julia Sanderson, Donald Brian and Joseph Hawthorne. The play will be staged at the Colonial theater, Boston, on the night of the Tufts game, Nov. 4. Seats will be $1.50 and $2.00.

A limited number of tickets have been ordered and will go on sale as soon as they come. Posters will be up, concerning when and where they will be sold. After Saturday, Oct. 28, no tickets can be obained through Manager Williams who must return all unsold tickets before Saturday noon.

RECEPTION TO FRESHMEN

Saturday evening President Butterfield opened his home to the freshman class for his annual reception. President and Mrs. Butterfield received the new men, giving them a hearty welcome to the college. Among the guests were Prof. and Mrs. Robbins, Prof. and Mrs. Machmer, Mrs. Curry S. Hicks, and Mrs. H. W. Fleet who helped entertain the freshmen. Nearly the entire class was there, including the co-eds, and music and singing helped make the evening enjoyable, and get the 1920 men better acquainted with each other. Members of the senate and the officers of the sophomore class acted as ushers.

MR. WITHERSPOON OF BOSTON TO SPEAK FRIDAY EVENING

The Social Union committee has been exceedingly fortunate in securing Halliday Witherspoon of Boston for the evening of the 27th. Mr. Witherspoon has been war correspondent of the Boston *Herald* for several years spending a year in Europe and passing this summer in Mexico. His experiences should prove of the greatest interest to the student body.

HEARINGS ON M. A. C. PROBE AROUSE AGGIE SUPPORTERS

Many Alumni and Men of Prominence Defend the College. Several Constructive Ideas Offered.

Constructive suggestions of ways to improve the work of the Massachusetts Agricultural college and to develop interest in agriculture in the state were discussed at the third hearing given by the investigation commission at Springfield Thursday, Oct. 19. Many alumni and others interested in agricultural progress in Massachusetts were present at the hearing, which lasted from 10:30 a. m. until 1 o'clock. Dr. L. Clark Seelye presided. The commission seeks justification for the appropriation of $1,200,000, which the college has asked from the Legislature.

The question "Is the college responsible for the lack of interest in agriculture in Massachusetts?" drew from the many speakers the general opinon in the negative, and that the college was doing its established duty was the expression of those who appeared before the commission. Among the various suggestions offered were those advocating a development of the extension work, and others which favored more short course instruction. The large number of speakers made it necessary to limit the time of each man to five minutes. Albert W. Gilbert '04, professor of plant breeding at Cornell, made a comparison of conditions at "Aggie" with those at Cornell and other agricultural colleges. Walter F. Rutter '17 of Lawrence, said that his work at M. A. C. accompanied by two summers of practical farm work made him feel confident that he could make a success at farming. Benjamin Vener '15 attributed his success at Tait Brothers as expert bacteriologist to the training he had received in the microbiology and chemistry departments of M. A. C. He told of earning money to pay his way through college by working one summer in the basement of the library wiping mold off the large number of valuable books which are of necessity stored there owing to lack of shelf room in the library. The question of the moral status was brought up and was strongly defended by the "Aggie" supporters. E. M. Whitcomb, vice-president of the Amherst National Bank, spoke very highly of the moral standing of the students. Others

[Continued on page 5]

EIGHTY SEVEN FRESHMEN PLEDGE TO FRATERNITIES

Fifty Eight Per Cent of Class. Next Pledge Date January 15.

With 87 men pledging to the various fraternities the rushing season of 1916 ended Monday morning. This number was not only larger than that of last year but was a much larger proportion of the freshman class, being 58 per cent as against 39 per cent for the season of 1915. According to the revised rules no further pledging can take place until the third Monday of the winter term or Jan. 15. The list of pledged men follows:

Q. T. V.

Lorin E. Ball,	Amherst
Charles M. Boardman,	Amherst
Gordon B. Crafts,	Manchester
Robert S. Horne,	Wellesley Farms
George A. Smith,	Whitinsville
Edmund Streeker,	New York City
Eliot H. Taylor,	Shelburne Falls
Kenneth Y. Wright,	Arlington

Phi Sigma Kappa.

Phillip B. Armstrong,	Rutherford, N. J.
James P. Bridge,	San Antonio, Tex.
Donald C. Douglass,	Arlington
William N. Gustafson,	Worcester
Harold Haskins,	North Amherst
Charles H. Mallon,	East Braintree
Philip S. Newell,	West Newton
Percy E. Quincy,	Allston
George H. Richards,	Springfield
Ivan A. Roberts,	South Lee
John D. Snow,	Arlington
Ralph S. Stedman,	Springfield
Alfred W. Turner,	Havana, Cuba

Kappa Sigma.

Clinton J. Daggett,	Albany, N. Y.
Warren M. Dewing,	Kingston
Reuel W. Eldredge,	Winchester
Richard H. Gorwaiz,	Newburyport
Starr M. King,	Pittsfield
James C. Maples,	Port Chester, N. Y.
Fred V. Waugh	Amherst

Kappa Gamma Phi.

Abram T. Bowen,	Granville, N. Y.
John K. Delahunt,	Dorchester
Richard W. Farnsworth,	Lancaster
Harold L. Harrington,	Lunenburg
Herbert A. McArdle,	Worcester
Herman deW. Oppe,	Sandy Hook, Conn.
Ralph H. Sanderson,	Waltham
Curtis Steacie,	Brighton
John W. Urquhardt,	East Walpole
Milton F. Webster,	Malden
Ralph Woodward, Jr.	Grafton

Beta Kappa Phi.

John A. Crawford,	Allston
Frank T. C. Hale,	Ivyfield
Davis A. Hurd,	Wellesley Hills
Donald Lent,	Maynard
Earl D. Lathrop,	West Bridgewater
Philip A. Readio,	Florence
Raymond A. Smith,	Maynard

Theta Chi.

Kenneth Blanchard,	Haverhill
Paul L. Burnett,	Leicester
Allen M. Burns,	Taunton
Fred W. Claridge,	Milford
Donald G. Davidson,	Amherst
Jonathan Holloway,	Taunton
Charles K. Hillabold,	Syracuse, Ind.
John E. Littlefield,	Lynn
Harry A. Murray, Jr.,	Raynham Center
Joseph C. Paige,	Hardwick
Mark M. Richardson,	North Dana
Lester M. Simmons,	Dighton
Raymond N. Smith,	Plainville
Mason Ware,	Malden

Sigma Phi Epsilon.

Milo R. Bacon,	Leominster
Robert P. Casde,	Pittsfield
John F. Carlton,	East Sandwich
Warren S. Hathaway.	Somerset
S. Austin Phillips,	Pittsfield
Ralph E. Schandmayer,	Marlboro
Donald H. Smith,	Pittsfield
John Vigezzi,	Great Barrington

Lambda Chi Alpha.

Lorenzo Fuller,	Lowell
Hazen W. Hamlin,	Amherst
P. Harold Holland,	Shrewsbury
Kenneth S. Hyde,	Amherst
Brooks Jakeman,	Winchester
Conrad J. Johnson,	Campello
Richard B. Lambert,	Gleasondale
William A. Luce,	West Boylston
William B. Stiles,	Great Barrington
Ralph H. Sumner,	Springfield
Thornton G. Taylor,	Waban

Alpha Sigma Phi.

George W. Apsey,	Winchester
Frank S. Davenport,	Dorchester
Holland E. Gaskill,	Hopedale
Carlisle F. Graves,	Stamford, Conn.
Andrew B. Magnum,	Holyoke
William H. Peckham,	Newport, R. I.
Howard J. Shaunessy,	Easthampton
Walter M. Sullivan,	Lawrence

ROISTER DOISTERS READY FOR SUCCESSFUL SEASON

The Roister Doister Dramatic Association has recently been reorganized under new management with an expectation of an exceptionally successful season. This society is purely honorary, including those men who have taken an active part in at least one of the college productions. The management has issued calls for candidates to compete for positions and every one interested in dramatics is urged to try out for the cast. Once a month the association meets to discuss with the general manager the proposed productions.

Under the supervision of the general manager men desirous of a position on the business staff try out in their freshman and sophomore years. Two of the eligible candidates are elected as business managers for their junior year. One of these two serve as general manager during the senior year.

It is the aim of the dramatic association to raise the standard of M. A. C. productions to equality with the best and without doubt, under the new system of organization, more men inclined toward dramatics will be encouraged to try out for the cast, giving better quality through wider selection.

The first play to be given during "prom" season is under the careful consideration of Manager Williams at the present time.

FRESHMEN IMPROVE GREATLY AND SWAMP WORCESTER HIGH

Plenty of pep and real football were the features of the game on Alumni field Saturday afternoon when the M. A. C. freshmen took the Worcester North High team into camp to the tune of 39 to 0. On both defense and offence the freshman team showed marked improvement over their playing of a week ago. The backfield men continually found big holes in the line and went through for long and consistent gains while the line held well and often stopped opposing plays before they were well started.

The scoring started in the first quarter when Lent carried the ball over on a rush through the line. In the second period Lent scored again on a long run and was closely followed by Cande who crossed the goal line for the third score. Vigezzi added another in the third quarter, and in the fourth a blocked kick by Vigezzi gave Lothrop a chance for a 40 yard run for a touchdown. The last score came when Gray intercepted a forward pass and carried the ball 30 yards to the goal line. Dewing kicked three goals.

Only once did the Worcester team threaten the Freshman goal. This came in the second half when on a series of shift plays they worked down to within 25 yards of the Freshman goal. Here an attempted drop kick failed and the '20 men soon took the ball out of danger.

The lineup:

M.A.C. FRESHMEN.	WORCESTER, N. H.
Carleton, Gray, Lothrop,	le re, Putnam
Gorwaiz, lt	rt, Gulick
Readio, lg	rg, Ryan
Talmadge, Bacon, c	c, Knott
McLeod, Bunker, rg	lg, Lundgren
Kling, Fuller, rt	lt, Bickford
Dewing, re	le, McKown
Vigezzi, qb	qb, McGrath
Lent, Ball, lhb	rhb, Heudenstatt
Gray, Mallon, rhb	lhb, Boyle
Cande, Mallon, fb	fb, McGady

Score—M. A. C. '20 39, Worcester North High 0. Touchdowns—Lent 2, Cande. Vigezzi, Lothrop, Gray. Goals from touchdowns—Dewing 3. Referee—Kennedy. Umpire—Buttrick. Head linesman—Westman. Time—12-10, 12-10.

PROFESSOR McLEAN TO GO TO U. OF BRITISH COLUMBIA

Prof. J. A. McLean, former head of the animal husbandry department at M. A. C. and superintendent of the cattle buildings at the recent Springfield National Dairy Show, was presented with a fur coat as a gift from the exhibitors and herdsmen entered in the fair. When the news became known of his expected change to take charge of the animal husbandry department at the University of British Columbia, subscriptions were solicited and a committee of prominent breeders was chosen, to make the purchase.

'12—S. F. Hamblin is teaching landscape architecture in Harvard University.

JUNIORS WIN INTERCLASS CROSS COUNTRY RUN 29-33

Carpenter '19 Places First. Time, 24 min., 9 sec. Seniors and Freshmen Fail to Place.

Carpenter '19 as winning man and the '18 men as team winners gives the results of the Annual Inter-class Cross-country run held last Saturday. By capturing 2nd, 3rd, 4th, 5th, and last places the juniors won the event with 29 points against the 33 points for the '19 five man team which placed 1st, 6th, 7th, 9th, and 10th.

Starting from Freshman field the men went over Prexy's Hill, down Lover's Lane, East Pleasant street, across Pleasant and Fearing streets, and down Lincoln avenue, a distance of 4.2 miles, finishing on Alumni Field between the halves of the Freshman-Worcester game.

Lyons '18 got an early start and held it for three quarters of the distance until forced to slow up with pains in his side. For the last quarter distance Carpenter '19 led, finishing in 24m., 9sec., less than five yards ahead of Lyons. Schwartz '18 was third with Gordon '18 a close fourth. H. Lyons '20 who finished eighth, showed up well for the freshmen.

The summary:

Five man team; 1918–29. 1919–33. 1917 and 1920 no teams entered.

1st, Carpenter '19.
2nd, Lyons '18.
3rd, Schwartz '18.
4th, Gordon '18.
5th, Mitchell '18.
6th, Chapin '19.
7th, Sweeney '19.
8th, Lyons '20.
9th, Hathaway '19.
10th, Quimby '19.
11th, Hall '19.
12th, Hamilton '19.
13th, Jones '20.
14th, Lambert '20.
15th, Stackpole '18.

Y. M. C. A. HAS NEW PLAN

A new idea is to be tried out at the Y. M. C. A. meeting to be held in the Social Union Room Thursday evening at 6-45. A sort of question box will be in order followed by a general discussion. The meeting place has been changed so that more fellows will drop in after supper, songs will be sung and the entire program will be snappy, enjoyable and helpful to all.

REUNION IN SPRINGFIELD

A number of 1916 men held their first reunion at the Highland Hotel in Springfield at 7-30 on the evening of Oct. 16. Those present were Moses, Huntington, Walker, Hart, Taber, Palmer, Perry, and Nicholson. Samson '13, Black '14 and Cotton Graves ex-'16 also attended. After partaking of the main part of the program, plans were talked over for the big 1916 reunion that is planned for next commencement.

Cox Sons & Vining
72 Madison Ave., New York

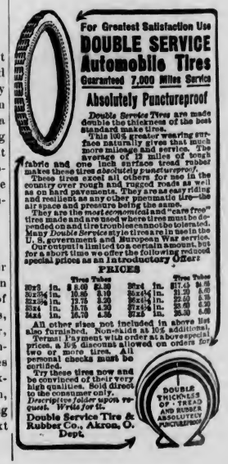
Caps
Gowns
Hoods
for all Degrees

ROBES FOR JUDICIARY, CLERGY AND CHOIR

RAHAR'S INN
Northampton, Massachusetts
EUROPEAN PLAN
The Best Place to Dine
GOOD FOOD PROPERLY PREPARED
All Kinds of Sea Food
50-cent Luncheon from 11-30 to 2 p.m.
Special Dishes at All Hours
R. J. RAHAR, Prop.

To the Students of M. A. C.
Announcing that if the boys want to have their shoes tapped with the best quality of leather, drop in and see
J. GINSBURG
11½ Amity Street

The "Nonotuck"
HOLYOKE'S LEADING HOTEL
Club Breakfasts, 25c to 75c
Business Men's Luncheon, 60c
Sunday Table d'Hote Dinner, $1.25
GORHAM BENEDICT, Mgr.



THE HARVARD GAME

[Continued from page 1)

his 10-yard mark, and the other going from Minot on the M. A. C. 40-yard line to Gaston on the 5-yard mark. Gaston fumbled when tackled, but Davis was on hand and fell on the ball four yards from the goal line. A line plunge carried the ball to within three feet, and then Hitchcock dove over on the next play with two minutes to go, and Horne kicked the goal for the final point of the game.

Harvard made its many first downs largely through line charging, resembling the old tandem center rush. Instead of breaking through the first line of the Maroon and White defensive however, they more frequently hurdled it. Wide end runs were successful when tried, but were seldom attempted by either team. One first down by rushing was the best the Aggie team could do against the heavy stonewall defense of the Crimson.

Captain Grayson, if any one, was the star of the losers. His recovery of Pond's punt from the Harvard 9-yard line to his own 45-yard mark, followed by three rushes, netting only four yards, brought the ball as near the Harvard line as Aggie ever got, the play being almost constantly in the Massachusetts half of the field. Casey, the burly right halfback of the Crimson, was the big man for Harvard, scoring three of the touchdowns before he was replaced by Minot in the third quarter. Likins, one of the four right ends used by the winners, reeled off a feature play in the third period when Whittle, after catching a punt in the middle of the field, fumbled after a hard tackle, and the alert Harvard player grabbed the bounding ball at one side and dashed with a half dozen of his team mates at top speed to the Aggie goal posts, with the nearest M. A. C. contestant trailing some yards behind.

Coach Melican used several substitutes, particularly near the close of the game, when the men began to show signs of exhaustion.

The summary:

HARVARD	M. A. C.
C. A. Coolidge, Phinney.	
Brewer, le	re, Day, Richardsson
Wheeler, Davis, lt	rt, Edwards, C. Blanchard
Dadmun, Dean, lg	rg, Dunn, Roberts
Harris, Thorndike, Wiggin, c	c, Roberts, Higginbotham
Clark, Day, rg	lg, Spaulding
Caner, Hartley, rt	lt, Hagelstein
Hart, Batchelder, Likins, Gaston, re	le, E. Grayson
Robinson, Gardner, Felton, qb	qb, Whittle
Thacher, Burnham, Horne, lhb	rhb, Moynihan, Boles
Casey, Minot, Willcox, rhb	lhb, Pond
Horween, Hitchcock, fb	fb, Weeks, Goodwin, G. K. Blanchard

Score—Harvard, 47; M. A. C., 0. Touchdowns—Casey 3, Hitchcock 2, Likins, Thacher. Goals from touchdowns—Horween 3, Gardner. Horne. Referee—Morice, University of Pennsylvania. Umpire—Fultz, Brown. Head linesman—Pendleton, Bowdoin. Field judge—McGrath, B. A. A. Time 15-minute periods.

WORCESTER TECH TO PLAY ON ALUMNI FIELD SATURDAY

Next Saturday, M. A. C. plays Worcester Tech on Alumni field. Not much is known about the record of the Worcester team, but Stevens Institute of New Jersey, defeated them last Saturday by one touchdown. This shows that W. P. I. is not a very strong team as Stevens is a much lighter eleven. The prospects for a victory are very bright as the Tech team is more in our class than the two previous elevens on our schedule. Not many players were injured in the Harvard game so that by the end of the week all will be in perfect condition. The defects that showed up last Saturday in the team's play will also be remedied by next Saturday.

The probable lineup:

M. A. C.	W. P. I.
Day, re	le, Tomasi
Edwards, rt	lt, Banan
Dunn, rg	lg, Haman
Roberts, c	c, Sargent
Spaulding, lg	rg, Storrs
Holmes or Haggelstein, lt	rt, Cassavant
Grayson, le	re, Duffy
Whittle, qb	qb, Morse
Pond, lhb	rhb, Needham
Moynihan or Boles, rhb	lhb, Arnold
Weeks, fb	fb, Gulagher

ANNUAL FLOWER SHOW TO BE IN FORM OF GARDEN SCENE

Nov. 11, 12, and 13 are the days and French Hall the place for the annual flower show of the Department of Floriculture.

The general scheme this year is to be a garden scene with pools and water scenes as a feature. At each end of the long main hall, pergolas will be placed to give vantage points for looking over the show. Flower framing, an introduction at the Philadelphia national flower show last spring, will also be shown.

Much of the work will be in charge of the floriculture students with table decorations and basket arrangement competitions for the Junior and Senior classes respectively.

The show will be open Saturday, Nov. 11, at 2 P. M. Sunday music will be furnished by the college orchestra and other attractions will be offered.

For the last two years this show has created a great deal of interest and many outside visitors have taken the chance to see the department at its best. This year the department, with its new features and arrangements expect to offer something far better than ever before. In connection with the flower show the landscape department is also showing a landscape civic art exhibit.

'16—Clayton Hager of Somerville and wife were on the campus during the week.

ONE OF CAMPION'S COLLEGE STORES

We are sole agents for the Reversible Collar Campion Custom Made Shirts, made especially for college men, from **$1.50** to **$6.00.**

Crofut & Knapp, also Chase of New Haven Hats, from **$3.00** up.

THE ENGLISH AQUASCUTUM COATS

Ready-to-wear Clothes for young men from Atterbury System-Fifth Ave., from **$22.00** up.

Made-to-your-measure Clothes, from **$25.00** up.

Mr. Campion personally superintends to fitting in this department and is an expert in the business.

ONE OF THE BEST CUSTOM TAILORING DEPARTMENTS IN THE STATE

ONYX HOSIERY MARK CROSS GLOVES KNOTHE BELTS

CAMPION'S COLLEGE STORE At Amherst

—Come to us for—

Fireplace Goods, Coat and Trouser Hangers

Ever Ready Flash Lights and Paint

Clothes and Shoe Brushes

Anything in Hardware and Cooking Utensils

Always glad to see you.

THE MUTUAL PLUMBING & HEATING CO.

BURPEE REGISTERED VAB TRADE MARK The Seal of Quality

Burpee's Seeds Grow

FOR forty years we have rendered faithful service. For forty years we have tried to make each year's service more nearly ideal. This untiring effort has built for us not only The World's Largest Mail Order Seed Business, but also a World Wide reputation for Efficiency and undisputed leadership. The Fortieth Anniversary Edition of **Burpee's Annual**, *the* **"Leading American Seed Catalog"** is brighter and better than ever. It is mailed free. A postcard will bring it.

W. ATLEE BURPEE & CO., Seed Growers,
Burpee Buildings Philadelphia

Page's Shoe Store
Largest Stock—Lowest Prices
Expert Repairing—Best leather used

JACKSON & CUTLER
—DEALERS IN—
Dry and Fancy Goods and Choice Family Groceries

THE MASSACHUSETTS COLLEGIAN

Published every Tuesday evening by the Students of the Massachusetts Agricultural College.

BOARD OF EDITORS.

RICHARD W. SMITH '17, Editor-in-Chief
MARSHALL O. LANPHEAR '18, M'ging Editor
MILFORD R. LAWRENCE '17, Assistant Editor
WILLIAM SAVILLE, JR. '17, Alumni Editor

ASSOCIATE EDITORS.

JOHN T. DIZER '17
JOSEPH F. WHITNEY '17
FRANK J. RINKS '18
NATHAN W. GILLETTE '18
EDWARD N. MITCHELL '18
ELIOT M. BUFFUM '19
MYRTON F. EVANS '19

BUSINESS DEPARTMENT.

MERRILL P. WARNER '17, Business Manager
JAMES C. POWELL '18, Assistant Business Manager
BIRGER R. ROSEQUIST '18, Advertising Manager

Subscription $2.00 per year. Single copies, 8 cents. Make all orders payable to **Merrill P. Warner.**

In case of change of address, subscribers will please notify the business manager as soon as possible.

Entered as second-class matter at the Amherst Post Office.

Vol. XXVII. Tuesday, Oct. 24. No. 4

ARE WE DIFFERENT?

Does the character of the undergraduate body at Aggie measure up to the standards of other American colleges today? One might well be inclined either to answer unfavorably, or, if these standards are fully met, to feel somewhat chagrined that they are not higher elsewhere. Examine the basis upon which such conclusions may be founded.

In the first place do the members of the student body lack respect for others? If so, they cannot but be termed self-centered, selfish. When the president of the college is forced to plead, twice within three weeks of the opening of school, for a cessation of noise in chapel or assembly exercises when he or some other speaker is talking, and even then his request is either forgotten or ignored at the next opportunity,—what else but disrespect can it be called? Only two excuses can be made: one, that colds are very numerous in times of changing weather, and coughing is therefore unavoidable. Let some slight self-control be practiced, and nine out of ten coughs will be proved unnecessary. The other excense, that the tendency is not toward attention when speakers cannot be heard. The COLLEGIAN regretfully but respectfully must agree that the speaking at more than one exercise has not been loud enough to be heard throughout the auditorium, and the excuse cannot be overlooked. But lack of attempts at at ention at any time whatever are inexcusable and undeniably disrespectful.

Secondly: Does the student body as a whole lack seriousness of thought or action? Let any outsider by chance attend a meeting of one of the upper classes, where important business must of necessity be settled. His impression is that of a bunch of high school boys, each trying to outdo all others in "kiddish" talk and actions. There is little opportunity or desire to have all sides of a question explained before it is passed. Half the nominations for class or student body officials are made and acted on without serious regard for efficiency and capability. All semblance of dignity is generally thrown to the winds, "mob sentiment" prevails, and best results for class and college are lost through the indifference and carelessness of the very men who would profit most by more serious considerations.

Thirdly: Do the members of the student body put personal preferences before the present or ultimate welfare and reputation of the college? Take one example only:—the matter of individual personal dress and appearance. Sweatshirts, flannel military shirts, and often, it must be frankly confessed, shoes not fit in appearance for work in the back yard, make all to frequent appearances in the center of the town and even in nearby cities. Such adornments are noticed more quickly than are respectable ones, and are far more quickly criticised and remembered, to the inevitable detriment of the value of the public opinion concerning the college. Let such men replace personal comfort and conduct on lines of least resistance with personal pride, and pride in their college as seen through them as its representatives.

Now to change from the destructive to the constructive: How can these disagreeable conditions be improved, and the standards raised? In many ways, but most effectively by *thinking* on the part of every individual in the student body. Without preceding thought, few actions can succeed; without successful actions, the standard of character cannot be raised. "Be ambitious," but be ambitious not for yourself alone, but the college you are to call your Alma Mater.

IS IT THE WHOLE THING?

To have "made" a fraternity seems to the average freshman an event in itself. By so doing he thinks he has carved for himself a little niche in the hall of fame wherein he may rest comfortably for four years and watch the struggling college world pass by. But he is due for a sure and sudden fall. No fraternity has taken in its men for parlor ornaments and now expect its new pledges to go out and do something. Then there is the man who did not pledge. He too has little problems to solve but he has no reason to feel blue, for although success in college may be aided by fraternity membership it is by no means dependent upon it. If a man has the push and determination he can get whatever he goes after; if he is lazy and without ambition, no amount of fraternity support can make him successful in his college career. The freshman who thinks he has a big thing in being a fraternity man must take heed lest it make him puffed up; and the man who feels he is left outside should not be blinded to his own opportunities.

MUCH OBLIGED, BOSTON POST

The *Boston Post* of Saturday included this acme of accuracy in the pre-write up of the Harvard-Aggie game. "The Aggies have been buffeted all around New England so far this season, sustaining substantial trimmings at all the way stations, and it is likely to be a bedraggled eleven that faces Mr. Haughton's boys this afternoon."

The alleged "buffeting all around New England" was confined to a single defeat by Dartmouth. The "substantial trimmings at all the way stations" was all centralized at Hanover. A statement of plurality of defeats would be erroneous, but with the vivid description it was generous. Further on, "The Aggies are game to take the punishment that is due them, however." Yes, even newspaper punishment, like the above. Much obliged, *Boston Post!*

CAMPUS CALENDAR

[Notices for this column should be dropped in at the COLLEGIAN office or handed to Nathan W. Gillette '18 on or before the Monday preceding each issue.]

WEDNESDAY, OCT. 25.

2-10 P. M.—Assembly. George W. Coleman, director of Ford Hall Foundation, Boston.
6-45 P. M.—Microbiology club meeting. Trophy room.
6-45 P. M.—Stockbridge club, Stockbridge hall, Room 114.
7-00 P. M.—Dramatic club meeting, Social Union.
9-00 P. M.—Senior class theater party, Northampton Academy of music.

THURSDAY OCT. 26.

6-45 P. M.—Y. M. C. A. informal meeting in Social Union.
7-00 P. M.—Florist's and Gardiner's club meeting, French hall.

FRIDAY, OCT. 27.

6-45 P. M.—Mandolin club rehearsal, Social Union.
8-00 P. M.—Halliday Witherspoon, war correspondent, Stockbridge hall, under auspices of Social Union.

SATURDAY, OCT. 28.

2-30 P. M.—Freshman Football. 1920 vs Monson at Monson.
3-00 P. M.—Varsity football, M. A. C. vs Worcester Tech at Alumni field.

TUESDAY, OCT. 31.

6-45 P. M.—Glee club rehearsal, Old Chapel.

FRESHMAN-SOPH TENNIS

Nineteen-nineteen challenged 1920 to a tennis tournament Wednesday. Each class is to enter a four-men team, the best three out of five matches will decide the contest. The first match will be played Saturday morning.

"BIDE-A-WEE"
Creamed Chicken and Waffles
Our Specialty—And other good things to eat
MRS. L. M. STEBBINS,
Middle Street, Hadley, Mass.
Tel. 415-W

UNITY CHURCH
NORTH PLEASANT ST.
A Church home of the liberal Faith, where every student will meet with a cordial welcome.
REGULAR SUNDAY SERVICE AT 7 P. M.

FLEMING'S SHOE STORE
Northampton

FLOWERS AND PLANTS
Grown by the Floricultural Dept.
We offer our surplus stock of cut flowers and plants at reasonable rates to students and faculty. This stock is grown in modern houses under ideal conditions. Roses, carnations, violets, chrysanthemums and sweet peas in season.
GROWN ON THE CAMPUS
Telephone 300

MASS.——MASS.
MASSACHUSETTS
Rah! Rah! Rah!
Black and White
Black and White
Black and White
CIGARETTES
Strikingly Superior...
HENRY ADAMS & CO.
— The Rexall Store —

DE LAVAL
Cream Separator Supremacy
38 YEARS of LEADERSHIP
OVER 38 years of experience and thousands of tests the world over have demonstrated the De Laval to be the only thoroughly clean skimming cream separator. Superior construction throughout makes possible greater capacity, cleaner skimming and a heavier cream than can be secured with any other machine.
The driving mechanism of the De Laval is perfectly oiled and the bowl runs at slow speed, all of which is conducive to the long life of the machine. A De Laval will last from 15 to 20 years, while the life of other cream separators averages from 5 to 5 years. Not a year goes by but what some improvement is made in De Laval machines, and no stone is left unturned by the De Laval company to insure to every De Laval user the greatest possible service from his machine.
More De Lavals are sold every year than all other makes combined, and De Laval users are satisfied users—not only when the machine is new but during the many years of its life.
The De Laval Separator Co.
165 BROADWAY NEW YORK
29 E. MADISON ST. CHICAGO

CAMPUS NOTES

Mr. and Mrs. Ralph J. Watts are receiving congratulations on the birth of a son Monday morning.

Why not start a little legislation to put a new latch on the door to the Drill Hall locker room. The old one is a relic.

Quite a number of students are earning money for the Tufts trip by picking apples and stripping tobacco. Moral, "Be There."

Our old friend the coal truck has a little playmate, as it now tows another track in its wake, all of which helps to heat the dorms, sometimes.

Richmond M. Jackson ex-'17 is at the Missionary Institute, Nyack, N. Y. preparing, as he says, for the Christian Service in the mission field.

J. T. Dizer '17 filled a lecture appointment for the floriculture department last week when he addressed the South Deerfield Woman's Club on the subject of "Bulbs and their outdoor culture."

On account of J. D. Birchard's withdrawal from college, a new track captain is to be elected, and Manager Flint has sent ballots to last year's letter men. The returns will probably be in next week.

A large and appreciative audience saw the second moving picture entertainment of the year in Stockbridge Hall Friday evening, when the two five-reel features, "The Conqueror" and "Let Katy Do It," were shown.

At Davenport, Ia., Friday Professor Waugh of M. A. C. spoke on landscape architecture before the Rotary Club, an association of business men of that city. He spent Saturday in Chicago conferring with prominent landscape architects.

The nearest to an informal the Drill Hall will see for a few weeks occurred last Tuesday night when a student orchestra furnished music for a recording breaking wax tread to put the floor in good dancing condition. The coeds especially enjoyed the novelty of the affair.

LANDSCAPE CLUB OFFICERS

A meeting of the Landscape Art Club was held in Wilder Hall Friday for the election of new officers. Earle M. Randall '17 was elected president, Richard W. Smith vice-president, and Roland W. Rogers secretary and treasurer. It was voted to have the newly elected officers act as a committee to secure speakers for the coming year.

TO FORM ECONOMICS CLUB

The formation of a new club in agricultural economics is being considered by students majoring under Dr. Cance. It is intended that the meetings of the club, in which important economic problems will be discussed, will supplement the classroom work and add interest to the courses in economics. An announcement will be made soon.

SURVEYING MOUNT TOBY

Forestry Students Aiding. Forest to be Made Source of Practical Work.

To Erect Saw Mill.

The work of surveying the Mount Toby Reservation, previous to the property being taken over by the State, has been going on for some time, and is now practically complete. Mr. M. B. Patteson, a Northampton Civil Engineer, has been superintending the work and with the party are Fred Larsen '17, and Edward Searls, a special student of the college.

It is the wish of Professor Clark, head of the forestry department that the college do for the forests what it has done for agriculture in general, in that the woodlands need looking after by men who understand how to make the right kind of trees grow on certain kinds of soil. About 50% of the land in the country is covered with timber, scrub oak, or brush of some sort, and all of this land that is now going to waste could be used to advantage in growing good trees.

Such knowledge as is needed for this purpose can be readily obtained from a tract of land like the Mt. Toby forest, and, furthermore, with the possibility of the erection of a small saw-mill at the entrance of the land, a complete and very practical training can be given in the subject of forestry. In fact, the course will include the growth of trees from the time they are planted to the time when they are ready to be shipped for lumber in the form of boards.

PRACTICAL FOREST WORK

The course in forestry offered to the students of M. A. C. is, in every sense of the word, practical. From the time when the course commences with the study of the names of trees to the point when the men have finished their under-graduate work in this subject, and have learned all that is possible to teach students in two years of college, it is nearly all practice and not theory. Of course there is more or less to be learned from books about any study, but along with this book-knowledge there is the opportunity for the men to see the theory worked out. For instance, at the present time the Seniors who are majoring in forestry are estimating the stand and value of growing trees, and also how to grow them to the best advantage. They are also learning how to tell the different uses to which certain kinds of wood are best adapted, their strength values, and methods of preservation, both before and after the wood is sawed and planed. Although up to the present time the work in this department has been very practical, the acquisition of the Mt. Toby Reservation will mean that 50 per cent. more practical work can be done.

R. Stanley Leonard '18, of Melrose has pledged Lambda Chi Alpha.

1914 NOTES

A. S. Thurston is now head of the the department of truck crops and floriculture at Iowa State College.

Leone E. Smith has severed his connection with the Colchester Boys Club and has started agricultural teaching and boys' club work at Pittsford, Vt. Announcement has also been received of his marriage on Sept. 2, at Winchester.

F. W. Small has resigned as dairyman at Michigan Aggie and has taken up other dairy work in Michigan.

Lincoln, Ingram, Fuller, Fat Taylor, Hebard, Morse and Webster were at the Dairy Show recently.

Kilburn ex'14 was also seen at the show. He is still managing a farm in Lancaster.

R. W. Harris took several prizes at the Dairy Show on Brown Swiss cattle.

R. E. Nute announces the birth of a daughter Oct. 17.

M. G. Tarbell is a construction engineer with the Massachusetts Highway Commission.

C. M. Allen is working at Barnet, Canada and reports that Western Canada is certainly a wonderful country.

Stan Freeborn has been investigating the malarial mosquito in Northern California and reports that "California never looked better."

Harold Morse, salesman for Coe-Motimer Co., has transferred from Pennsylvania to Western Mass.

"Teil" Nicolet wishes to announce a change in his position to take affect Nov. 1. Having been with P. R. Ziegler Co. of Boston for the past two and a half years, he has just accepted a position in the state department of the General Fire Extinguisher Co. of Providence, R. I., to handle the "Grinnell Automatic Sypho-chemical Sprinkler System" which is now ready for market.

INFORMAL POSTPONED

Owing to the fact that a two-weeks' quarantine exists in Smith and Mt. Holyoke colleges, the informal scheduled for Oct. 28 has been postponed to Nov. 11.

M. A. C. HEARING

[Continued from page 1]

who spoke were Worthington C. Kennedy '15, Dana O. Merrill '17, Harold T. Phelps of West Brookfield, H. A. Parsons of Amherst, and F. P. Newkirk of Easthampton.

The commission of five men were Dr. Seelye, chairman, William P. Birnie '71 of Springfield, William Whiting of Holyoke, Charles S. Burbank, commissioner of economy and efficiency, and Payson Smith state commissioner of education. The fourth and last hearing is being held at the state house in Boston today.

THE
United States Hotel
Beach, Lincoln and Kingston Sts.
BOSTON, MASS.
Only two blocks from South Terminal Station, and easily reached from North Station by Elevated Railway, and convenient alike to the great retail shops and business centre, also to the theatres and places of interest.
European Plan $1.00 per Day and Upwards
Table and service unsurpassed. Booklet and map sent upon application.
TILLY HAYNES, Proprietor JAMES C. HICKEY, Manager

WEBSTER'S STUDIO
Everything in Photography
GROUPS A SPECIALTY
Good work speaks for itself.
NASH BLOCK, AMHERST, MASS.

AMHERST BOOK STORE
Note Books Fountain Pens
Agents for Rex Typewriter
F. M. CURRAN C. F. DYER

STUDENT FURNITURE
RUGS
CARPETS
Largest assortment in New England of Special Student Furnishings.
LOWER EXPENSES Enable us to offer an absolute lower price.
AMHERST FURNITURE AND CARPET ROOMS
E. D. MARSH ESTATE

ESTABLISHED 1872
STEPHEN LANE FOLGER, Inc.
MANUFACTURING JEWELERS
180 BROADWAY, NEW YORK
CLUB AND COLLEGE PINS AND RINGS
GOLD, SILVER AND BRONZE MEDALS

—JOIN THE BUNCH AT—
EPSTEIN'S TAILORING PARLORS
Now located over post office. Up one flight
Pressing and Cleaning a Specialty
Liberal Ticket System Tel. 36-M

College Stationery
With Class Numerals.
Magazines, Newspapers and Fountain Pens
A. J. HASTINGS
Newsdealer and Stationer

TO RUN WORCESTER TECH

Cross Country Team has First Meet Next Saturday. To End on Alumni Field

The college will be given its first opportunity to see the cross country team in action on Saturday next, when it will compete in Amherst with the W. P. I. aggregation. Captain Francis of Tech is running strong, but his team was badly defeated by Brown last week.

The course this year is to be lengthened from four and one-half to five miles, and the finish will be on Alumni field between the halves of W. P. I. game. Manager Flint is planning to run eight men, and on account of the ineligibility of Mitchell '18 the team will be composed of the following men: Bell '17; Lyons, Swartz, Gordon and Bainbridge '18; Carpenter, Sweeney and Chapin '19.

WEDNESDAY ASSEMBLY

Mr. Fred B. Freeman, secretary of county work, international Y. M. C. A. gave a forceful speech to the student body at Wednesday assembly, in which for a text he used the idea expressed in the utterance of one who has become head of Y. M. C. A. work in India, to the effect that he is almost ashamed he is an American when he returns from India and looks upon the extravagance of the American people made possible by the European war.

In his address he said that to be an American meant in this time of international strife to bear great responsibilities, meant liberty, leadership, progress, Christianity. We might realize what the last means if we could see how the lack of it is affecting Turkey, Armenia, the Balkans and all Europe today.

There are great problems to be solved by future Americans: settling the controversity between capital and labor, checking the kind of leadership which is fostered by prosperity, allowing the waste of the virility of country communities. These and many other problems must be solved by Man——a being which if broken down into its elemental constitutents would be worth $1.80 on today's market. The greater need is not money, nor more business, nor better agriculture, nor a larger army and navy, nor better education, but Men.

The best type of man is honest, loyal, persistant, moral and principled, is master of himself and will ring true when the grind comes.

BIG WILSON RALLY

To Discuss President's Platform and Policies. Lawson Purdy of New York to Speak.

Woodrow Wilson, his platform and policies will be the main subject at a big rally to be held in College Hall under the auspices of the Wilson Independent League of Amherst Friday evening at 8 o'clock. Lawson Purdy, tax commissioner of New York City will be the principal speaker. Mr. Purdy is a graduate of Trinity college and one of the foremost authorities on taxation in the United States. Among others who will speak for President Wilson is Charles H. Jones of Boston, president of the Commonwealth Shoe and Leather Company, and of the Wilson Independent League. Mr. Jones was formerly a republican and later a leader in the progressive movement in Massachusetts. He is now an ardent supporter of the democratic nominee. Representative men on the faculties of both colleges have declared themselves independent in politics but strong for Wilson and about twenty have joined with the Wilson clubs of Amherst and M. A. C. in boosting Friday night's rally. Ray Stannard Baker, the well known writer, has been chosen president of the Independent League of the town, and Professor Sprague of M. A. C. secretary.

"AM I A FIT?" ASKS 1920

"This coat is too tight for me, I can't hook the collar," announced a freshman to the official tailor of the Aggie army last Monday. "It clings perfectly" countered Sergeant Lee, "next!" In this efficient manner 140 new drill suits were approved, and the prond but squeezed rookies strutted out over the campus. The sight of a bevy of frosh coming in to supper in drill suits on a Monday evoked considerable mirth from the Draper Hall boarders. The intense love for drill indicated by a fondness for the uniforms augurs well for preparedness at Aggie—but wait—perhaps they couldn't un buttonthem.

JUNIOR PROM COMMITTEES

The class of 1918 at a special meeting held last Wednesday night, elected the following men to be the committee in charge of the Junior Prom: Marshall O. Lanphear, Windsor, Conn.; John J. Maginnis, Lawrence; Wells N. Thompson, Adams; Sidney S. Smith, Boston; John A. Chapman, Salem; Foster K. Baker, Fairhaven; Harlan N. Worthley, Greenwood.

SENIOR THEATRE PARTY

Quite an unusual event will take place Wednesday night in Northampton. The whole senior class of M. A. C. headed by class captain Hill who originated the idea and made all preparations, will go to see the Northampton Players in "Rolling Stones." A special car will be used to carry the seniors to and from "Hamp."

MORE INDEX DOPE

Of course you've all noticed Fuller carrying his little black box around. He never goes out without it. Do you realize what that means? It means that those countless pictures he has been taking will appear in the 1918 *Index*. It's going to be a real picture book, something that has never been seen at Aggie. Snapshots of the professors in character poses, new campus views, dozens of snaps of individuals and groups representing all classes. Be sure and look for your picture, for its there somewhere. And say boys, there's some corkers of the co-eds, not as they appear when entertaining Bud, Cliff or Bob, but natural ones, showing them as they really are You'll find your old friend Cream de Meridor there. You'll find all the incidents of the banquet season and picture scrap, in detail. In fact you won't have to read a word to get twice your money's worth, for there are snapshots enough to amuse you for a week. Remember this—there's a picture of you somewhere!

Adv.

ALUMNI NOTES

'05—Professor H. F. Tompson of Arlington was elected vice-president of the Vegetable Growers Association of America at their ninth annual convention held during September in Washington.

'11—Herbert W. Blaney has moved from Bloomington, Ill., to enter a partnership with his brother, Jonathan P., M. A. C. 1910, under the firm name of Blaney & Blaney, landscape architects, with offices at 6 Beacon St., Boston.

'12—Alden C. Brett has been appointed deputy inspector for Boston and southwestern Massachusetts under the new apple grading law.

'15—Mert Lane is to teach school in Glastonbury, Conn., this winter, after spending a summer as nursery inspector with the Mass. State Board of Agriculture.

S. S. HYDE
JEWELER & OPTICIAN
13 Pleasant St.
Oculists' Prescriptions Filled. Broken Lenses Accurately Replaced. Fine Watch Repairing Promptly and Skillfully Done. Satisfaction Guaranteed

E. B. DICKINSON, D.D.S.
DENTAL ROOMS
Williams Block, Amherst, Mass.
Office Hours 9 to 12 a. m., 1:30 to 5 p. m.

The Highland Hotel
Corner of Hillman and Barnes Streets, three blocks from the Union Depot, is a modern hostelry run on the European Plan. It is just a step from Main Street, away from the noise and dust and yet in the center of the business district.
Its rooms are well furnished and comfortable, having a telephone and hot and cold running water in every room. Prices $1 and up; rooms with bath (single) $1.50 and up.
Its excellent cuisine and well ventilated dining room makes a meal a pleasant memory—everything of the highest quality, well cooked and served in the best possible manner.
Stay at the Highland Hotel once and you will anticipate staying there again. Music every evening.
D. H. SIEVERS,
Highland Hotel, Springfield, Mass.

COPLEY SQUARE HOTEL
Huntington Ave., Exeter and Blagden Sts., Boston, Mass.
Headquarters for College Men when in the city.
JOHN HOWARD LACY, Prop.

F. A. SHEPARD
MEN'S STORE
Shoes Hats Furnishings
Local Agent for
E. V. PRICE CO., LAMM CO., BROWNING, KING & CO.,
Custom Tailors
OUR DISCOUNT TICKET SAVES YOU 5%

Carpenter & Morehouse,
PRINTERS,
No. 1, Cook Place, Amherst, Mass.

The Holyoke Valve & Hydrant Co.
Jobbers of Wrought Iron and Brass Pipe, Valves and Fittings for Steam, Water and Gas, Asbestos and Magnesia Boiler and Pipe Coverings, Pipe Cut to Sketch. Mill Supplies. Engineers and Contractors for Steam and Hot Water Heating, Automatic Sprinkler Systems, Boiler and Engine Connections. Holyoke, Mass.

BECKMAN'S
Candies and Ice Cream
"HAMP"

JOHNSON BOOK CO.
Agricultural Books
and Filing Cases
BABBITT & WOODWORTH
Alpha Sigma Phi House

WILSON CLUB HOLDS FORTH

President Wilson's policies were upheld in good measure at tonight's rally of the Wilson Club where Dean Lewis gave a vigorous address in defence of the admistration. Other speakers were Lewis T. Buckman '17, of Wilkes Barre, Pa., who discussed the Adamson law, and Louis W. Ross '17 of Arlington whose subject was Wilson's Mexican policy.

'15—Vincent Sauchelli is working on a coffee and rubber plantation located at Kuala Lumpur, Federated Malay States.

Fred A. Carlson '18, of Pittsfield has pledged Sigma Phi Epsilon.

TO WRITE FOR STANDARD

This year the work of the rural journalism students is to receive much more prominence than ever before. For some time the department has published the *Bay State Ruralist*, a page of popular rural interests in the *Springfield Union*, but this year the *New Bedford Standard* offers to make a feature of the department's work in their editions. Such publicity, without doubt, speaks well for the efficiency of the students of this course.

HOURS AT INFIRMARY

Regular visiting hours are now observed at the infirmary. Visitors are requested to confine their calls within the periods of 4-5 and 6-30, 8-30 P. M.

The Clubby Smoke—"Bull" Durham

You start something lively when you produce "Bull" Durham in a crowd of live-wires and start "rolling your own". That fresh, mellow-sweet fragrance of "Bull" Durham makes everyone reach for "the makings". A hand-rolled "Bull" Durham cigarette brims over with zest and snap and the sparkle of sprightly spirits.

GENUINE
"BULL" DURHAM
SMOKING TOBACCO

Made of rich, ripe Virginia-North Carolina leaf, "Bull" Durham is the mildest, most enjoyable tobacco in the world.
No other cigarette can be so full of life and youthful vigor as a fresh-rolled cigarette of "Bull" Durham.
"Roll your own" with "Bull" Durham and you'll discover a new joy in smoking.

Ask for FREE package of "papers" with each 5c sack.

FREE An illustrated Booklet, showing correct way to "Roll Your Own" Cigarettes, and a package of cigarette papers, will both be mailed, *free*, to any address in U. S. on request. Address "Bull" Durham, Durham, N. C.

THE AMERICAN TOBACCO CO.

- WELCOME -
1920

Come in and let us help you get started RIGHT

We have the largest stock of young men's clothing we have ever shown.

You know the kind Hart Schaffner & Marx make.

All our haberdashery is of the best and our prices are always the LOWEST.

Ask any upper-class man about

SANDERSON & THOMPSON

School and College Photographers . . .
White Studio
LOCALLY: 52 Center St., Northampton Mass., and South Hadley, Mass
MAIN OFFICE: 1546-1548 Broadway, New York City
These Studios offer the best skilled artists and most complete equipment obtainable.

E. FRANK COE
FERTILIZERS
The Business Farmer's Standard for Over 55 Years
RELIABLE AGENTS WANTED
Write to Local Agency Manager
THE COE-MORTIMER CO.
51 Chambers St., New York City

NEW BOOKS IN LIBRARY

The following books have been recently added to the College Library; Bronson Alcott's Fruitlands by Clara Endicott Sears; The Book of Hardy Flowers, H. H. Thomas; Luther Burbank, His Life and Work, Henry Smith Williams, M. D., L. L. D.; Interior Decoration, Frank Alvah Parsons; Beautiful Gardens in America, Louise Shelton; The Architecture and Landscape Gardening of the Exposition, Louis Christian Mullgardt; Gardening in California, John McLaren; Continuous Bloom in America, Louise Shelton; Jewish Life in Modern Times, Israel Cohen; Chrysanthemums and How to Grow Them, I. J. Powell; Inexpensive Homes of Individuality, Henry H. Saylor; My Growing Garden, J. Horace McFarland; Through College on Nothing a Year, Christian Gauss; The Wild Turkey and Its Hunting, Edward McIlhenny; Its Causes and Cures, Thomas Speed Mosby; Early American Craftsmen, Walter A. Dyey; Japan's Real Attitude Toward America; Antwerp to Gallipoli, Arthur Ruhl; Strictly Business, and The Four Million, by O. Henry; The State as Farmer, George Radford; From the Letter-Files of S. W. Johnson, Elizabeth A. Osborne; The American Country Girl, Martha Foote Crow; Men of the Old Stone Age, Henry Fairfield Osborn.

Mr. C. F. W. Felt, a graduate of M. A. C., and now concerned with the Atchison, Topeka and Santa Fe Railway, has recently given to the library a complete set of the "Journal of the Association of Engineering Societies" ranging from 1881 to the present date. He had the fifty odd volumes nicely bound in brown cloth which adds to the interest and value of the splendid gift to the library.

INTERCOLLEGIATE NOTES

Dartmouth's new president, Ernest Martin Hopkins, L. L. D. took office Friday, Oct. 9. The inauguration program covered a period of two days. Many alumni returned for the occasion,

Middlebury college is to orgauize an outing club. The club will promote out-door sports especially skiing and snow-shoeing. Shelters will be built in the mountains so parties may stay over night.

Brown University will give sixteen extension courses the first semester for the benefit of the people in Providence and vicinity. The work will begin Nov. 6 and ten lectures will be given in each course.

Massachusetts Institute of Technology will have a reorganization of its engineering corps. The corps will come more directly under the supervision of the war department. All the units of an engineering corps as they exist in the regular army will be duplicated at the institute. The government will furnish the equipment and a series of lectures will be given.

The Massachusetts Agricultural College

Offers courses of instruction in twenty seven teaching departments, which embrace the study of

Agriculture, Horticulture, Science, Humanities and Rural Social Science.

A student may specialize in the following subjects:

Agriculture, Agronomy, Animal Husbandry, Dairying, Poultry Husbandry, Rural Journalism, Floriculture, Forestry, Landscape Gardening, Pomology, Agricultural Chemistry, Agricultural Economics, Economic Entomology, Microbiology, Economic Botany, Agricultural Education, Rural Social Science

For complete catalog and illustrated booklet, write

KENYON L. BUTTERFIELD, PRESIDENT
AMHERST, MASS.

COLLEGIAN DIRECTORY

Associate Alumni,	C. A. Peters, Secretary
Joint Committee on Intercollegiate Athletics,	H. M. Gore, Secretary
M. A. C. Athletic Fie'd Association,	C. S. Hicks, Treasurer
Non-Athletic Association,	H. E. Robbins, Manager
The College Senate,	L. T. Buckman, President
Football Association,	R. L. Holden, Manager
Baseball Association,	R. D. Hawley, Manager
Track Association,	O. S. Flint, Manager
Hockey Association,	M. R. Lawrence, Manager
Basketball Association,	N. Moorhouse, Manager
Rifle Club,	S. F. Tuthill, President
Roister Doisters,	A. F. Williams, Manager
Musical Association,	D. M. Lipshires, Manager
Nineteen Hundred Seventeen Index,	F. W. Mayo, Manager
Nineteen Hundred Eighteen Index,	K. L. Messenger, Manager
M. A. C. Christian Association.	D. O. Merrill, President
M. A. C. Catholic Club,	E. L. King, President
Fraternity Conference,	L. T. Buckman, President
Stockbridge Club,	M. J. McNamara, President

There are Seven Good Reasons why you should buy your

COAL
OF
C. R. ELDER

WOODWARD'S LUNCH

27 Main St., Masonic Bldg., Northampton, Mass.

Lunches, Soda, Ice Cream

Closed only from 1 A M to 4 A M

The Connecticut Valley Street Railway

From Amherst, via Northampton, through the Hatfields, past the foot of Sugar Loaf Mt., alongside the famous Bloody Brook battle ground to Old Deerfield, thence to Greenfield, Turners Falls and across the "Plains" to Lake Pleasant, Montague and Millers Falls.

50 Miles of Trackage—Modern Equipment—Train Dispatching System—Freight and Express Service over entire line.

Connecticut Valley Street Railway Company

Jacob Reed's Sons are the leading manufacturers of

UNIFORMS

For college and military schools, and have won and maintain their prestige by sheer merit. The uniforms worn at Massachusetts Agricultural College are finished examples of our product.

JACOB REED'S SONS.

Makers of "Gold Medal Uniforms."

1424-1426 Chestnut St., Philadelphia, Pa.

FOUNTAIN PENS

Moore's Swan's
Waterman's

Thirty-six dozen pens to select from.

—OUR RULE—

"Satisfaction guaranteed or money refunded."

DEUEL'S DRUG STORE

COLLEGE SHOES

We carry the largest stock in the state outside of Boston.

MODERN REPAIR DEPT.

E. M. BOLLES
THE SHOEMAN

CARS

Leave AGGIE COLLEGE for HOLYOKE at 15 min. past the hour.

CARS

Leave AMHERST for AGGIE COLLEGE at 7 and 37 min. past the hour.

Special Cars at Reasonable Rates

AMHERST & SUNDERLAND ST. RY. CO

THE TERRY PARLOR
Cleaning Pressing Repairing
Quickest service, Best Work Lowest Price
All work carefully done. Work called for and delivered. Tents' overcoats, suits, pants and coats. Ladies' fine linen suits a specialty. Teams will call every day at M. A. C.
WM. FRANKLIN, Prop.
Rear Nash Bl'k, Amherst. Tel. No. 34-4

Amherst CO-OP LAUNDRY

High-Grade College Work

Shirts,	10-15c
Collars,	2 1-2c
Cuffs,	2 1-2c
Plain wash,	48c per doz.
Same, rough dry,	30c per doz.

DRY CLEANING AND PRESSING

Steam Pressing 40c, 3 Suits for $1.00
Dry Cleaning and Pressing, $1.50 a Suit

All bills payable at Co-op. Store and parcels left there will receive prompt attention.

GRAYSON '17, Agent
HIGGINBOTHAM '17, Asst. Agent

THE MASSACHUSETTS COLLEGIAN

MASSACHUSETTS AGRICULTURAL COLLEGE

Vol. XXVII. Amherst, Mass., Tuesday, October 31, 1916. No. 5

MAROON AND WHITE GETS 7-0 DECISION OVER W.P.I.

Fumbling and Penalties Make Game Slow. Score in Third Period.

In the second home game of the season, M. A. C. defeated W.P.I. in a loosely played contest Saturday by the score of 7-0. Neither team seemed able to take advantage of the breaks and show scoring power when the chance was offered. Fumbling and penalties spoiled many of the good plays of the game as all long runs were made useless when the ball was brought back.

The Aggie team scored their touchdown in the third quarter after a series of first downs gained by straight rushing and a successful forward pass, Pond to Day. M. A. C. had many other chances to score only to lose the ball by fumbling or on downs. Worcester Tech caused no trouble until the fourth quarter when Needham intercepted a forward pass and was downed by Hagelstein on Aggie's 30-yard line after a long chase down the field.

Goodwin and Boles in the backfield and Edwards and Dunn in the line played well for M. A. C. and Aggie's ends were always on the job. For Worcester, Needham, Welsh and Arnold excelled as they were in the thick of he game at all times. Worcester's backfield was much faster than the M. A. C. players and always got away fast but the Aggie line was far superior to the visitors.

M. A. C.	W. P. I.
Richardson, E. Grayson, le	re, Duffy, Horner
Blanchard, Hagelstein, lt	rt, Welsh, Stone
Spaulding, lg	rg, Storrs
Roberts, c	c, Canfield
Dunn, rg	lg, Mossberg
Edwards, rt	lt, Banan
Day, re	le, Tomossi
Whittle, E. Grayson, qb	qb, Morse
E. Grayson, Pond, lhb	rhb, Needham
Mack, Boles, rhb	lhb, Arnold
Goodwin, fb	fb, Gallagher

Score—M. A. C. 7, Worcester Tech 0. Touchdown—Day. Goal from touchdown—E. Grayson. Umpire—Farmer of Dartmouth. Referee—Johnson of Springfield. Head linesman—Kennedy of Amherst. Time—10-minute quarters.

ELECT TEAM MANAGERS

At a recent sophomore class meet- Paul Faxon of West Newton was chosen manager of the class football team and Frank Hall of Rockland, manager of the class rifle team.

LAMBDA CHI ALPHA WINS AWARD FOR SCHOLARSHIP

Has High Average Per Cent of 78.2. Competition Close Among All of Fraternities.

At the meeting of the interfraternity conference last Thursday evening, the scholarship cup for the year 1915-1916 was awarded to Lambda Chi Alpha, who had the excellent average of 78.2 percent, one tenth of a point ahead of Theta Chi, their nearest rival. But three and six-tenths points separated the highest competitor from the lowest, which is considered a remarkably fine showing. The fraternity averages were as follows:

	Percent.
Lambda Chi Alpha,	78.2
Theta Chi,	78.1
Sigma Phi Epsilon,	77.7
Kappa Sigma,	77
Q. T. V.,	76.7
Phi Sigma Kappa,	76.7
Kappa Gamma Phi,	75.5
Beta Kappa Phi,	75.1
Alpha Sigma Phi,	74.6

The committee on scholarship was instructed to purchase a suitable cup, the cost not to exceed $18, and to present it to the winner. A motion was passed providing that the fraternity having in its possession a cup awarded to it by the conference should keep it in .epair. It was decided that the bulletin boards referred to in the "penalty" article of the conference constitution should be those in Stockbridge and French halls and the library, and that the notices should remain on the bulletins three weeks. It was further decided to have the rushing rules read in the fraternity meetings to effect any desired changes, especially along the following lines: 1—The phrase "No upperclassman shall speak to a freshman after 6 P. M. Sunday," to read "No representative of a fraternity shall speak," etc.; 2—Shortening of the rushing season. also the desirability of accepting excuses for absence from conference meetings. The next meeting will be held Nov. 2, at which time the annual dues are to be paid.

LYONS ELECTED CAPTAIN

Louis M. Lyons '18 of Rockland was recently elected captain of the cross-country team. Lyons is a member of the Lambda Chi Alpha fraternity, and has run on the varsity cross-country team for two years.

CROSS COUNTRY RUN WITH WORCESTER TECH A DRAW

Three W. P. I. Men Lose Course. Lyons Finishes First in Fast Time of 27:4.

Because three Worcester men, Crossman, Babbitt and Goddard, lost the course in Saturday's cross country run, the event had to be called a draw, although Lyons of M. A. C. was the first man to finish the whole distance in the fast time of 27 minutes, 4 seconds. Francis of W. P. I. came in 16 seconds later. Bainbridge and Bell of M. A. C. were the next to finish, followed by Doolittle of Tech, Gordon, Chapin and Schwartz of M. A. C., Butler of Tech, Sweeney of M. A. C. and Bredenberg of Tech in order. Sweeney made a game fight against Bredenberg, passing him in the last 200 yards and holding a small lead over him at the finish.

The three W. P. I. men who caused the decision of a draw were considerably behind the main group at the start and did not see the guide flags placed in the woods back of the president's house. They took a path which proved to be three-quarters of a mile shorter than the regular course, bringing them in at the finish several minutes ahead of the others. Coach Dickinson therefore saw no other fair way of settling the question than by declaring the race a draw.

DID NOT HAVE BIG SALE

Only Eighty-seven Buy Tickets for "Aggie Night" Show

Manager Williams has succeeded in selling eighty-seven tickets to "Sybil," the musical comedy which will be the attraction for Aggie students at the Colonial in Boston Saturday night. The showing made was somewhat a disappointment to the promoters of the plan for a big "Aggie Night," such as was held last year, and no attempt will be made to decorate or do anything out of the ordinary at the affair. Alumni who are returning for the game have been urged to join the undergraduates in attending the show.

STOCKBRIDGE CLUB NOTICE

Prof. J. C. McNutt, major advisor in animal husbandry, will address the Stockbridge Club at the regular meeting Wednesday evening, Nov. 8. He will talk on his personal experiences.

COMMITTEE HOLDS FINAL INVESTIGATION HEARING

Dr. A. C. True of Bureau of Agriculture Speaks. Usual Criticism from Mr. Shirley.

Public hearings for the investigation of the college and its policies are over; the evidence as far as public sentiment is concerned is all in; and the commission will now continue its work along personal lines.

The last of the hearings was held in Boston last Tuesday, Oct. 25, with Dr. A. C. True of Washington, D.C. head of the national bureau of agriculture as the principal speaker. In the main his attitude was very favorable toward the college. He pointed out many of the strong points and suggested a few changes.

E. L. Richardson of Millis, an old alumnus of M. A. C. spoke in high terms of the college and expressed his belief that the state puts too much on the college president and trustees by making them appear every year to get any appropriations.

Rev Dr. Frederick E. Emmerich of the Mass. Home Missionary society, H. J. Wheeler '83 and F. D. Griggs '13 also spoke for the college.

Speaking against the college W. M. Noble criticized the entrance standards, the educating of out of state students, the standing of recent graduates, the faculty, and everything in general. In his scope, Mr. Shirley, another criticizer of the college, covered as much ground as Mr. Nolde. In a statement filed by him he claimed that the agricultural college had failed to give practical instruction and that less than 15 per cent of the graduates of the last five years have become Massachusetts farmers. The dormitories, dining hall and military department also came under his hammer.

A general review of the hearings reveals several outstanding features. The first is the number of hitherto unknown friends of the college who have responded to the appeal for public sentiment. The second is the apparent inability to keep personal grievances from entering into a discussion of policy. The third is the difference of opinions as to what the college should do and how it should do it; and the last is the general constructive criticism so desired by the college, which has been given by most of the best speakers.

WAR CORRESPONDENT TELLS OF LIFE AMONG MEXICANS

"Mexico and the Mexicans" was the subject chosen by Halliday Witherspoon, War Correspondent, when he spoke to an appreciative audience in the Auditorium Friday evening. He said in part:

Five years ago Mexico, which is the treasure house of the world, in metals and agriculture, and beautiful in scenery, was a peaceful country. Now it is in a state of revolt. Much of the trouble that comes to a Mexican is due to his simplicity and carelessness. His motto "Never do today what you can put off until tomorrow" very aptly expresses his attitude toward business. Furthermore, he is cruel, not intentionally, but in a sort of unconscious or careless way, it being only the upper classes who are purposely cruel. Another trait of the Mexican, also a universal one, is his love of destruction. This fact was very plainly shown at Vera Cruz where nearly all the bombarding was done merely to cause destruction of property.

Although the average Mexican mind is immature and angers easily he is a good sort, and very quickly repents of his fault. At the same time, it is a necessary thing that a Mexican have a master for as soon as he gets the upper hand his presence is almost unbearable. For thirty years Mexico had a master in Diaz, and in that time he made a great improvement in the country as a whole. The first ten years was spent in downing the revolutions and restoring peace to the country; the next ten, in furthering such projects as establishing railroads and making other modern improvements; and the last ten he devoted to the education of the people, at which time schools sprang up all over the country.

In 1910, as a result of the educational movement, a middle class appeared and became dangerous on account of their superior knowledge. At this time Huerta came into power but he was misunderstood by the people and therefore could not help them very much. It was a great misfortune that the United States did not recognize Huerta and support his theories, for the latter probably would have resulted in a better Mexican government.

As to the present situation, there are certain reasons why the United States should not intervene in the affairs of Mexico. First, the soldiers who are now on the border are costing us two million dollars a day and in the case of war this would be increased to six million, or more than a billion a year. Second, the loss of life would be enormous, in that nearly the whole affair would be guerilla ware-fare, and it would be two or three years before peace would be declared. Lastly, the United States has no moral right to take such a step, for a government like ours could not possibly apply to a nation like Mexico. However, there seems very little chance of the United States taking any such measures unless pressed into it by some of the other countries after the great war is over in Europe.

After closing his talk, Mr. Witherspoon answered a number of questions such as, "Did Huerta have anything to do with the death of Madero?" the answer being "No; and "Could Villa be held personally responsible for the raid at Columbus?" to which he answered "Yes;" after which he went on to explain why both of these answers were true.

FRESHMAN WIN OVER OLD RIVALS, MONSON ACADEMY

In the annual M. A. C. freshman-Monson academy football game, played Saturday afternoon on the Monson field, the Aggie youngsters defeated their rivals 12 to 7. The freshmen were far superior to their opponents, especially in kicking, when Dewing's punts gained considerable advantage for his team with every interchange of kicks. The 1920 men started the game with a rush, Lent receiving the kickoff, and carrying it to the enemy's 15-yard line. Monson resisted stubbornly, but Lent finally plunged over the last white line for the first score. Dewing's try for a goal failed. In the second quarter the freshman scored again when McLeod broke through, blocked a punt, and fell on the ball behind the goal line. Toward the end of the third quarter Monson took the ball from the middle of the field almost to the goal line. The Aggie youngsters resisted the attack for three downs, but on the fourth rush DeLine carried the ball over, and Squire kicked the goal. Monson made a game struggle to overcome their opponent's lead in the last quarter, but they were not quite capable of it, and went down to defeat for the second year in succession to an Aggie freshman team.

The summary:

M. A. C. 1920		Monson Academy
Casleton, le		re, Gilligan
Gorwaiz, lt		rt, Sullivan, Parker
Readio, lg		rg, Parker, Hogg, Ralston
Bacon, Bunker, c		c, Carlson
McLeod, rg		lg, O'Brien
Talmadge, rt		lt, Prover
Dewing, re		le, Burden, Sullivan, Smithwest
Vigezzi, qb		qb, Bailey, Squire
Lent, lhb		rhb, Lockwood, DeMarse
Gray, rhb		lhb, DeLine, Daley
Cande, fb		fb, Squire, DeMarse

Score—M. A. C. 12, Monson Academy 7. Touchdowns—Lent, McLeod, DeLine. Goal from touchdown—Squire. Referee—Donellan. Umpire—Hunahan. Head linesman—Newton. Time—12 and 10 minute periods.

CALL FOR CANDIDATES

Oliver L. Flint, manager of varsity track has issued a call to freshmen for candidates for the position of assistant manager of track athletics. Names should be handed to Flint '17, or Graves and Waite '19.

PUBLIC SPEAKING TAKES ON A NEW LEASE OF LIFE

To Come Under Supervision of N. A. A. New Coaches Appointed. To Have Business Manager

Public speaking at M. A. C. is beginning a new era, in the opinion of those especially interested. The Non-Athletic Association has been placed in supervision of the activity outside of class work. "We expect good business and advertising management will be substituted for looser methods," say some of the students interested in debate and ceclamation.

The Public Speaking Council is still to be in control of debating, but there is also to be a business manager. He will arrange the dates and look after the advertising. The council will merely choose the questions to be debated.

Sidney S. Smith of Roslindale has been chosen business manager. He will continue for two years, after which the selection will be made yearly.

A new system of coaching is also to be instituted. With the resignation of Prof. Henry E. Smith, who successfully coached the teams for the past few years, the council has requested Dean Lewis and Mr. Rand to serve as coaches. Both these men have had considerable experience in debating and public speaking.

Manager Smith is now working on his schedule. He has arranged for a debate with the University of Vermont at Burlington and one with Clark University at Worcester, and is now negotiating with Maine and Union. But one of these debates will be signed up. The freshmen will probably debate Williston Seminary and the Williams freshmen.

Thomas L. Harrocks '16 is the only loss of last year's teams and with Lincoln D. Kelsey of Hartford, Howard L. Russell of Worcester, Henry J. Burt of Somerville, Hamilton K. Foster of New Rochelle, N. Y., Robert Westman of Roslindale, and David M. Lipshires of Somerville, in addition the numbers of last year's freshmen team available it seems that two excellent college teams can be picked.

Added incentive to make the teams has been given by offering a medal of the Non-Athletic Association to those who participate in two regular intercollegiate debates.

NEW MEETING SUCCEEDS

An informal talk of the kind which now replaces the old style meeting of the Y. M. C. A. was held around the fire-place at the Social Union last Thursday. About 25 men attended the gathering which followed the style of the Ford Hall meetings. It is planned to have men of all the different nationalities represented in the college give their view on the different subjects under discussion.

Cox Sons & Vining
72 Madison Ave., New York

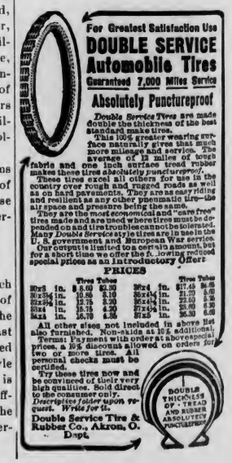
Caps
Gowns
Hoods
for all Degrees

ROBES FOR JUDICIARY, CLERGY AND CHOIR

RAHAR'S INN
Northampton, Massachusetts
EUROPEAN PLAN
The Best Place to Dine
GOOD FOOD PROPERLY PREPARED
All Kinds of Sea Food
50-cent Luncheon from 11:30 to 2 p.m.
Special Dishes at All Hours
R. J. RAHAR, Prop.

To the Students of M. A. C.
Announcing that if the boys want to have their shoes tapped with the best quality of leather, drop in and see
J. GINSBURG
11½ Amity Street

The "Nonotuck"
HOLYOKE'S LEADING HOTEL
Club Breakfasts, 25c to 75c
Business Men's Luncheon, 60c
Sunday Table d'Hote Dinner, $1.25
GORHAM BENEDICT, Mgr.



AGRICULTURAL MAJORS LEAD

Forty Percent of Upper Classmen Choose Practical Courses.

Over forty percent of the students in the two upper classes chose for their majors practical agricultural courses such as animal husbandry, dairying, poultry and pomology, according to figures just made public by the registrar. Horticultural vocations command the attention of 32 men, while 60 others are specializing in chemistry, microbiology, entomology, and other sciences. Dr. Cance's enlarged course in agricultural ecouomics has proved popular with the juniors, eighteen of whom are majoring in this subject. The complete figures follow:

Major.	Juniors.	Seniors.	Totals.
Agriculture	19	23	42
Agronomy	3	4	7
Animal Husbandry	9	10	19
Dairying	1	3	4
Poultry	5	6	11
Floriculture	9	9	18
Forestry	2	1	3
Landscape Gardening	6	5	11
Pomology	18	9	27
Botany	2	0	2
Chemistry	18	6	24
Entomology	7	10	17
Microbiology	8	12	20
Rural Journalism	3	2	5
Agricultural Economics	18	1	19
Agricultural Education	7	3	10
Rural Social Science	3	0	3
	138	104	242

FRESHMEN MEET HOLYOKE

The last game of the freshman football team will be played on Alumni field Thursday at four o'clock when they will line up against the strong Holyoke high school eleven. By playing this game on a week day, the players are now given an opportunity to make the Tufts trip which has been denied past freshman teams because of games scheduled upon the day of the Tufts game. Holyoke promises to give the youngsters a snappy and close game. It is expected that the finish of the cross country run with Springfield Y. M. C. A. will take place between the halves.

HEAR ELECTION RESULTS

Social Union Committee to Have Special Wire.

Whether the tide turns for Wilson or for Hughes, Aggie students will have ample opportunity to hear the latest returns in Stockbridge Hall on election night, Nov. 7. Through the courtesy of the Western Union a special wire will give the college direct connection for the transmission of election bulletins which will be thrown on the screen as they come in. Two five reel feature films will also be shown under the auspices of the social union committee, as well as a one reel comedy, at the regular price of ten cents.

JUNIOR SMOKER

The first 1918 smoker will be held Wednesday, Nov. 8, at 7 P. M. in the Social Union. The program will include speeches, comedy stunts, and a feed at 10 P. M.

TO RUN SPRINGFIELD

Cross Country Teams to Finish Race Between Halves of Freshman Game.

On Thursday, Nov. 2, the cross country team will run Springfield college over the same course as Saturday's race, and on Nov. 11 will compete against Williams at Williamstown. One week later the team will enter the intercollegiate meet at Boston for which the Aggie hill and dale runners are working hard under the direction of Captain Lyons and Carpenter '19, who has been declared ineligible. Team work will be the watchword of the M. A. C. men, as it was shown in Saturday's contest with Worcester tech.

The run with Springfield will start at the Drill Hall at 4-30 and will finish on Alumni Field between the halves of the Freshman-Holyoke High School game. The team will be composed of the following men: Captain Lyons '18, Bell '17, Bainbridge '18, Gordon '18, Schwartz '18, Chapin '19, and Sweeney '19.

NEW FOOTBALL SONG

"Touchdown," music by Frank A. Anderson, M. A. C. 1916, and words by Almon W. Spaulding '17 of Dorchester will make its initial appearance on campus tomorrow, when it it will be introduced to the student body at assembly by the glee club.

It is hoped that this football song, which is warlike and stirring in music and words, will become the battle song of old Aggie. That the song is published in real usable form is due to efforts of Anderson, Spaulding and Lipshires, who formed a syndicate for the publication and sale of this football song. The successful career of this first attempt to replenish the songs of M. A. C. will no doubt act as a stimulus for the further publishing of other Aggie compositions.

The publishers of the song have had it copyrighted in the name of the Non Athletic Board and as soon as the expenses of the song are paid the copyright and sale privileges will be turned over to the board.

PROM COMMITTEE ORGANIZES

Plans for the annual Junior Prom are already under way. Though no definite date has been set a tentative one has already been considered. The committee in charge has organized as follows: chairman, Marshall Lanphear; treasurer, Foster Baker; secretary, John Chapman; programs, John Maginnis; decorations, Wells Thompson; supper, Sidney Smith; music, Harlan Worthley.

TO REMOVE FOUNTAIN

Numerous accidents in front of the Physics Building have made it expedient to remove the nearby fountain which obstructs the view when one is coming down the hill. The surrounding sod has been taken out and work has begun on the removal of the fountain itself.

ONE OF CAMPION'S COLLEGE STORES

We are sole agents for the Reversible Collar Campion Custom Made Shirts, made especially for college men, from **$1.50** to **$6.00.**

Crofut & Knapp, also Chase of New Haven Hats, from **$3.00** up.

THE ENGLISH AQUASCUTUM COATS

Ready-to-wear Clothes for young men from Atterbury System-Fifth Ave., from **$22.00** up.

Made-to-your-measure Clothes, from **$25.00** up.

Mr. Campion personally superintends to fitting in this department and is an expert in the business.

One of the Best Custom Tailoring Departments in the State

ONYX HOSIERY MARK CROSS GLOVES KNOTHE BELTS

CAMPION'S COLLEGE STORE At Amherst

—Come to us for—

Fireplace Goods, Coat and Trouser Hangers

Ever Ready Flash Lights and Paint

Clothes and Shoe Brushes

Anything in Hardware and Cooking Utensils

Always glad to see you.

THE MUTUAL PLUMBING & HEATING CO.

Burpee's Seeds Grow

FOR forty years we have rendered faithful service. For forty years we have tried to make each year's service more nearly ideal. This untiring effort has built for us not only The World's Largest Mail Order Seed Business, but also a World Wide reputation for Efficiency and undisputed leadership. The Fortieth Anniversary Edition of **Burpee's Annual**, *the* **"Leading American Seed Catalog"** is brighter and better than ever. It is mailed free. A postcard will bring it.

W. ATLEE BURPEE & CO., Seed Growers,
Burpee Buildings Philadelphia.

Page's Shoe Store
Largest Stock—Lowest Prices
Expert Repairing—Best leather used

JACKSON & CUTLER
—DEALERS IN—
Dry and Fancy Goods and Choice Family Groceries

THE MASSACHUSETTS COLLEGIAN

Published every Tuesday evening by the Students of the Massachusetts Agricultural College.

BOARD OF EDITORS.

RICHARD W. SMITH '17, Editor-in-Chief
MARSHALL O. LANPHEAR '18, M'ging Editor
MILFORD R. LAWRENCE '17, Assistant Editor
WILLIAM SAVILLE, JR. '17, Alumni Editor

ASSOCIATE EDITORS.

JOHN T. DIZER '17
JOSEPH F. WHITNEY '17
FRANK J. BINKS '18
NATHAN W. GILLETTE '18
EDWARD S. MITCHELL '18
ELIOT M. BUFFUM '19
MYRTON F. EVANS '19

BUSINESS DEPARTMENT.

MERRILL P. WARNER '17, Business Manager
JAMES C. POWELL '18, Assistant Business Manager
BIRGER R. ROSEQUIST '18, Advertising Manager

Subscription $2.00 per year. Single copies, 8 cents. Make all orders payable to **Merrill P. Warner.**

In case of change of address, subscribers will please notify the business manager as soon as possible.

Entered as second-class matter at the Amherst Post office.

Vol. XXVII. Tuesday, Oct. 31. No. 5

If there has so far been any lack of enthusiasm for the Tufts trip we do not construe the apparent apathy as meaniug that only a few will go, but rather that the student body has come to look upon this annual excursion as a matter of course. Every man who has ever attended a Tufts game before will rake together his last pennies in order to be there this year. We therefore direct our appeal to the freshmen, who have as yet had no means of knowing what a college football trip is like, and who will be responsilble for the success of future similar excursions. This is Aggie's one big time in the vicinity of Boston, the one great opportunity to show people in the eastern half of the state what there is up here From the standpoint of the college it is the best kind of advertising, and from the standpoint of the student it should mean even more. Here, as at no other time, one has the opportunity to express his college loyalty away from the campus, to get a taste of that form of college life which is so different from the daily routine and yet so unmistakably surrounded by an Aggie atmosphere. Let this trip be so well supported as to leave no doubt in the minds of the Tufts followers that M A. C. is still on the map and has a student body loyal enough to back the team to the limit, win or lose.

"MICRO" CLASSES CHANGE

The microbiology classes were conducted in the new building for the first time on Monday, Oct. 30. Although the department is not as yet quite settled in its new quarters, laboratory classes including courses 51, 81, 83 will be conducted there from now on, while course 50 will be given in Flint Lab, as usual, until further notice.

CAMPUS CALENDAR

[Notices for this column should be dropped in at the COLLEGIAN office or handed to Nathan W. Gillette '18 on or before the Monday preceding each issue.]

WEDNESDAY, NOV. 1

2-10 P. M.—Student Forum.

THURSDAY NOV. 2

4-00 P. M.—Football. Freshman vs. Holyoke High at Alumni Field.

4-30 P. M.—Cross-country. M. A. C. vs. Springfield Y. M. C. A. college on the campus.

6-30 P. M.—Mass Meeting, Old chapel.

SATTEDAY, NOV. 4

9-15 A. M.—Tufts special leaves.

12-00 M.—Tufts special arrives at Davis Square.

2-30 P. M.—Varsity football, M. A. C. vs. Tufts at Tufts Oval, Medford.

8-00 P. M.—"Aggie Night" at Colonial theatre.

SUNDAY, NOV. 5

7-00 P. M.—Special train leaves North Station.

10-00 P. M.—Special arrives in Amherst.

TUESDAY, NOV. 7

6-30 P. M.—Movies at Stockbridge Hall. Election returns.

TO INVADE TUFTS SATURDAY

Three huudred loyal Aggie rooters will start their invasion of Tufts College Saturday morning, when the annual special train leaves the B. & M. station for Boston at 9.15. The train will stop at Davis Square, Winter Hill and Boston, and coming back will leave the North station at 7-00 P. M. Sunday night, and will stop at Waltham North, Hudson, Oakdale and Jefferson. The following rules have been drawn up for the Tufts' trip:

First: That this game be played on alternate years in Amherst, thus reducing the trips to one every two years.

Second: During the week preceding the game, only one mass meeting be permitted, that there be no sale of train or game tickets at mass meeting, but that all tickets be sold under direction of the physical director.

Third: That double cuts be enforced for the three days preceding and following the trip, but it is understood this applies only to men leaving early or returning late; if for any reason a man cuts, he must see the Dean, explain his case, and he will not receive the double cuts; also that the work of the Saturday forenoon of the game be transferred or excused as the President may deem advisable.

Fourth: That the special train must arrive in Amherst not later than 10-30 o'clock Sunday evening after the game.

GRADUATE STUDENT KILLED

Eruest L. Davies, a graduate of Ontario College, Guelph, Canada, and a graduate student of microbiology at M. A. C. during the years 1913–1914, was killed at the front Oct. 21. Davies was enlisted in one of those Canadian regiments which have taken such an active part in the drive along the Somme.

CAMPUS NOTES

The Phi Sigma Kappa fraternity holds its national convention in Worcester, Nov. 2, 3 and 4.

Last Friday, Oct. 27, seniors in pomology 75 and 78 took a trip to the Williamsburg Cooperative Association.

Dean Lewis is considering a new literary society which will be formed soon by those interested in English literature in the college.

No double cuts will be given those men who remain home Tuesday to vote, providing they present at statement that they stayed home to cast a ballot.

The circulation of the Springfield *Republican* is temporarily increased because the freshmen have to read it in their English course. The analysis of the editorials and an interest in current events are the objects sought by this form of study.

GOOD THINGS MAY BE MESS SAYS ASSEMBLY SPEAKER

Mr. George W. Coleman, director of the Ford Hall Foundation, Boston, was the speaker at assembly Wednesday, Oct. 25. He said in part:

"Good things may be in such a combination that they are a perfect mess. We are all old enough to be able to choose automatically between good and bad. We ought to be able to distinguish between those good things that are opposed to each other in order to have life successful. Play and work are both good but we must regulate them so that they will oppose each other. Some things must be adjusted very finely as, self development and self expression.

"We should distinguish finely between faith and caution. Faith is as much a part of business life as it is of the religious life.

"In all our cities there are combinations of good things working against each other. Ford Hall in Boston offers a kind of neutral meeting place. All the different people of the city have a chance to meet and hear the great men and women of the day discuss the most important problems that we are facing. Thirty or forty per cent of the members are Jews. The audience, although made up of a number of different elements, is perfectly orderly."

SOPHOMORES GETTING READY

Sophomore preparedness is shown by the rounding into shape of the class football and rifle teams. Captain Poole of football soon will have a strong team together and with a little practice should be able to make the annual game with the lower class, a week from Saturday, very interesting. Manager Hall of the rifle team has a nucleus of last year's men around which he will try to develop a strong and unified team. The annual match with the freshmen will be shot during the week before Thanksgiving.

"BIDE-A-WEE"
Creamed Chicken and Waffles
Our Specialty—And other good-things to eat
MRS. L. M. STEBBINS,
Middle Street, Tel. 415-W Hadley, Mass.

UNITY CHURCH
NORTH PLEASANT ST.
A Church home of the liberal Faith, where every student will meet with a cordial welcome.
REGULAR SUNDAY SERVICE AT 7 P. M.

FLEMING'S SHOE STORE
Northampton

FLOWERS AND PLANTS
Grown by the Floricultural Dept.
We offer our surplus stock of cut flowers and plants at reasonable rates to students and faculty. This stock is grown in modern houses under ideal conditions. Roses, carnations, violets, chrysanthemums and sweet peas in season.
GROWN ON THE CAMPUS
Telephone 300

MURDERED!
The prices of hundreds of articles has been terribly mutilated for the
1-Cent Sale
See the Circular.
HENRY ADAMS & CO.
The REXALL Store

DE LAVAL
Cream Separator Supremacy
38 YEARS of LEADERSHIP
OVER 38 years of experience and thousands of tests the world over have demonstrated the De Laval to be the only thoroughly clean skimming cream separator. Superior construction throughout makes possible greater capacity, cleaner skimming and a heavier cream than can be secured with any other machine.
The driving mechanism of the De Laval is perfectly oiled and the bowl runs at slow speed, all of which is conducive to the long life of the machine. A De Laval will last from 15 to 20 years, while the life of other cream separators averages from 3 to 5 years. Not a year goes by but what some improvement is made in De Laval machines, and no stone is left unturned by the De Laval Company to insure to every De Laval user the greatest possible service from his machine
More De Lavals are sold every year than all other makes combined, and De Laval users are satisfied users—not only when the machine is new but during the many years of its life.
The De Laval Separator Co.
165 BROADWAY NEW YORK
29 E. MADISON ST CHICAGO

COMMUNICATION

TO THE EDITOR OF THE COLLEGIAN:

The rushing season is over. Everyone has breathed a sigh of relief and either offered a prayer that things may be changed before another year, or been content to call the present system a necessary evil and let it go at that.

There are few who are satisfied with the present conditions. That both freshmen and upperclassmen neglect their studies during a period when it most important that work should be kept up; that there is always a certain amount of hard feeling caused between certain fraternities; that freshmen are not introduced to college life but to a false form of fraternity life that is from start to finish a mere matter of competition; these are generally recognized facts.

To say that these conditions are a necessary evil is merely an admission that we are afraid to face the music. To say "Let the Fraternity Conference handle the matter," is a logical enough conclusion, but to have some concern in how they handle the matter is the duty of the fraternities at the present time.

For years the rushing season has been regulated and changed from one plan to another, yet in 1916 we find things just as unsatisfactory as ever.

Why not a broadminded comprehensive plan of action this year? We had formed last year an alumni interfraternity organization that has for its purpose the betterment of fraternity conditions at M. A. C. Just as a senior can look at college problems in a more broadminded way than a sophomore, so, it stands to reason, could some of the live young alumni in the graduate organization probably hand the seniors a few ideas.

So why not a joint committee from these two groups to talk the matter over, just from the standpoint of Aggie men trying to do something for Aggie's betterment. Why not try it?

AN UNDERGRADUATE.

FORM ECONOMICS CLUB

An Agricultural Economics Club was organized Wednesday evening at Clark hall by the students majoring in economics. Dr. Cance and Mr. Rutledge spoke on the possibilities of the new organization, and Westman '17 talked on "The Factors in the Cost of Production of Farm Products." An open discussion followed. An executive committee was appointed to draw up a constintion. The officers of the new club are: President, S. S. Smith '18; vice-president, and chairman of program, L. P. Emmerick '18; secretary and treasurer, Theodore Reumann '18; corresponding secretary, D. M. Lipshires '18. The club, which numbers nineteen members at present, will hold regular meetings in Clark Hall, Wednesday evenings at 7 o'clock.

ON TO TUFTS

All in Readiness for Contest With Medford Rivals. Varsity in Good Condition

M. A. C. meets Tufts college in Medford Saturday for the fifth game of the season. Tufts has a strong team this year. Her scores show that she beat Harvard 7-3, was held by Boston college 13-0, was beaten by Princeton 3-0 and triumphed over Indiana 12-10.

The Harvard score can be taken for no basis for comparison because the game was played too early in the season. The fact that Boston college was held 13-0 and that a trip to Indiana enabled her to return home with a bare two points margin is encouraging for Aggie. Last year Tufts' strong point was forward passes, M. A. C.'s weak point was in breaking up forwards, and the score ended in a tie. This year Tufts is again playing forwards and Aggie can be counted on to profit by previous year's experience and come through at the finish with the right score. Tufts can probably play all her regulars, so will Aggie. Last week's small score for Aggie against Worcester Tech will act as physicological appetizer. Every year the Maroon and White has shown unexpected ability against Tufts and this year will be no exception. Watch Aggie.

The probable lineup:

TUFTS		M. A. C.
Jochim, le		re, Day
Brown, lt		rt, Edwards
Abbott, lg		rg, Dunn
Pryor, c		c, Roberts
Algar, rg		lg, Spaulding
Beacham, rt		lt, Blanchard
Sanborn, re		le, Grayson
Bratt, qb	qb, Whittle or	F. Grayson
Mitchell, lhb		rhb, Boles
Wescott, rhb		lhb, Pond
Doane, fb		fb, Weeks

RIFLE PRACTICE STARTED

Forty-two freshmen have been trying their shooting ability in the drill hall rifle range the past week and have made remarkably good scores. A sophomore-freshman rifle match scheduled for the near future is expected to enliven the interest in this branch of sport for which M. A. C. has earned a reputation in former years. Only two letter men are left from last year's team, making it necessary for Sergeant Smart to build up practically an entirely new team. Among the men who scored high last year and are expected to show up well this season are Tuthill and Mack '17, Raymond and Phillips '18 and Parsons '19.

HUGHES WINS STRAW VOTE

Hughes with 309 against Wilson's 227 summarizes the straw vote at last Wednesday'sassembly. Benson, the socialist candidate received the support of seven men while Hanley, the prohibitionist polled four votes.

That 88 M. A. C. men will vote at the coming election was signified on the straw ballot. Of the 88, 50 declared for Hughes and 38 for Wilson.

CANNING LABORATORY AT COLLEGE STORAGE PLANT

Grape juice, grape jelly, and grape jam are flowing like water at the new canning laboratory of the pomology department, recently equipped with many of the latest appliances of the canning industry. Students majoring in pomology have been experimenting in the making of various products and by-products from grapes and plums, especially good results being obtained which would make any good housewife envions. The new rooms of the canning department are situated in the southwest corner of the storage plant, thereby making available the various fruits direct from cold storage with which the classes work.

The laboratory consists of two rooms, one containing a sink and a large work-table for general use, the other containing a number of oil stoves, lockers for utensils, and benches for individual use. In the general workroom are also various appliances for group use. A sterilizing tank for sterilizing jars and bottles is situated in one corner, gas being used to boil the water in which the bottles are placed. On the work-table is a cold-press for the purpose of pressing the juice from the raw fruits. Near by is an apparatus for cooking fruits that are already hermetically sealed in jars and cans under high pressure. There is also a patent device for peeling apples, done by simply turning a crank, which peels the apples as clean as could possibly be done by hand and with much less waste.

Some of the results obtained since this work began give plenty of food for thought. A bushel of cider apples with a value of 12 to 15 cents will make from 60 to 90 8-ounce tumblers of first class apple jelly, exclusive of labor and fuel the cost is about 5 cents a glass. This is the same product which retails in winter for 25 cents a glass. From these figures it would app ar that cider apples have a much higher value than they get credit for.

MUSICAL CLUB SCHEDULE

The musical clubs will make a trip to New York during the Easter recess. They will give two concerts in the western part of this state, then they will go to New York, hold two concerts in Connecticut and end the trip with two performances in Boston. Joint concerts with Williams and Wesleyan are new features. The tentative program is as follows:

March 23, Williams at North Adams.
24, Pittsfield.
25, New York alumni.
27, Paterson, N. J.
28, Middletown, Wesleyan.
29, Hartford High School
30, Boston Alumni.
31, Chestnut Hill Club.

'13.—Born July 17 in Honolulu, T. H., a daughter, Barbara Eleanor, to Mr. and Mrs. Ralph J. Borden.

THE
United States Hotel
Beach, Lincoln and Kingston Sts.
BOSTON, MASS.
Only two blocks from South Terminal Station, and easily reached from North Station by Elevated Railway, and convenient alike to the great retail shops and business centre, also to the theatres and places of interest.
European Plan $1.00 per Day and Upwards
Table and service unsurpassed. Booklet and map sent upon application.
TILLY HAYNES, Proprietor JAMES C. HICKEY, Manager

WEBSTER'S STUDIO
Everything in Photography
GROUPS A SPECIALTY
Good work speaks for itself.
NASH BLOCK, AMHERST, MASS.

AMHERST BOOK STORE
Note Books Fountain Pens
Agents for Rex Typewriter
F. M. CURRAN C. F. DYER

STUDENT FURNITURE
RUGS
CARPETS
Largest assortment in New England of Special Student Furnishings.
LOWER EXPENSES Enable us to offer an absolute lower price
AMHERST FURNITURE AND CARPET ROOMS
E. D. MARSH ESTATE

ESTABLISHED 1892
STEPHEN LANE FOLGER, Inc.
MANUFACTURING JEWELERS
180 BROADWAY, NEW YORK
CLUB AND COLLEGE PINS AND RINGS
GOLD, SILVER AND BRONZE MEDALS

— JOIN THE BUNCH AT —
EPSTEIN'S TAILORING PARLORS
Now located over post office. Up one flight
Pressing and Cleaning a Specialty
Liberal Ticket System Tel. 36-M

College Stationery
With Class Numerals.
Magazines, Newspapers and Fountain Pens
A. J. HASTINGS
Newsdealer and Stationer

TO PARK AUTOS

Two parking places for automobiles are soon to be located, one near Wilder Hall, the other near the Entomological Building, although the exact location is yet uncertain. At present, the east road on the campus is almost blocked to traffic every day by the many automobiles parked there, and although Mr. Dickinson of the grounds department now has more work than he can comfortably do, the necessity for parking places has grown to such an extent, that work is shortly to be started.

'82.—Dr. J. A. Cutter is the author of an article on "Poliomyelitis" in the October number of *The Medical Economist*.

S. S. HYDE
JEWELER & OPTICIAN
13 Pleasant St.
Oculists' Prescriptions Filled. Broken Lenses Accurately Replaced. Fine Watch Repairing Promptly and Skilfully Done.
Satisfaction Guaranteed

E. B. DICKINSON, D.D.S.
DENTAL ROOMS
Williams Block, Amherst, Mass.
Office Hours—9 to 12 a. m., 1-30 to 5 p. m.

The Highland Hotel
Corner of Hillman and Barnes Streets, three blocks from the Union Depot, is a modern hostelry run on the European Plan. It is just a step from Main Street, away from the noise and dust and yet in the center of the business district.
Its rooms are well furnished and comfortable, having a telephone and hot and cold running water in every room. Prices $1 and up; rooms with bath (single) $1.50 and up.
Its excellent cuisine and well ventilated dining room makes a meal a pleasant memory—everything of the highest quality, well cooked and served in the best possible manner.
Stay at the Highland Hotel once and you will anticipate staying there again. Music every evening.
D. H. SIEVERS,
Highland Hotel, Springfield, Mass.

The Holyoke Valve & Hydrant Co.
Jobbers of Wrought Iron and Brass Pipe, Valves and Fittings for Steam, Water and Gas, Asbestos and Magnesia Boiler and Pipe Coverings, Pipe Cut to Sketch, Mill Supplies. Engineers and Contractors for Steam and Hot Water Heating, Automatic Sprinkler Systems, Boiler and Engine Connections. Holyoke, Mass.

BECKMAN'S
Candies and Ice Cream
"HAMP"

JOHNSON BOOK CO.
Agricultural Books
and Filing Cases
BABBITT & WOODWORTH
Alpha Sigma Phi House

BATCHELDER & SNYDER CO.
Packers and Poultry Dressers
WHOLESALE ONLY
Beef, Mutton, Lamb, Veal, Pork, Hams, Bacon, Sausages, Poultry, Game, Butter, Cheese, Eggs, Olive Oils
Blackstone, North and North Centre Streets
BOSTON, . . . MASS.

COPLEY SQUARE HOTEL
Huntington Ave., Exeter and Blagden Sts., Boston, Mass.
Headquarters for College Men when in the city.
JOHN HOWARD LACY, Prop.

F. A. SHEPARD
MEN'S STORE
Shoes Hats Furnishings
Local Agent for
E. V. PRICE CO., LAMM CO., BROWNING, KING & CO.,
Custom Tailors
OUR DISCOUNT TICKET SAVES YOU 5%

Carpenter & Morehouse,
PRINTERS,
No. 1, Cook Place, Amherst, Mass.

MASS MEETING THURSDAY

Best of Speakers, Lots of "Pep."
Every Member of Student Body Invited.

The livest bunch of speakers possible to get together has been secured for the first football mass meeting of the year coming Thursday at 6-30 in the old chapel. For interest, information, and real pep this meeting will take the cake. Were you in evidence at any mass meeting last year? Then we know you'll be on the spot Thursday: follow the crowd! Remember—the only mass meeting before the Tufts game.

SOPHOMORES WIN SINGLES

The sophomores have made a clean sweep so far in their tournament with the freshmen. All the single matches have been played, every one being a win. The doubles will come off this week.

Following are the results of last week's singles:

Skinner '19 vs. Horne '20, 6-1, 9-7.
Buffum '19 vs. Silverman '20, 6-1, 4-6, 6-2.
Mansell '19 vs. Richards '20, 11-9, 4-6, 6-3.
Spaulding '19 vs. Snow '20, 6-4, 8-4.
Rowe '19 vs. Dixon '20, 6-0, 6-0.
W. F. Smith '19 vs. Newell '20, 6-0, 6-0.

CONCERT IN FORD HALL

The musical clubs will give a concert at the Ford Hall Foundation, Boston on Dec. 31. This concert was arranged through George W. Coleman, the director of the Foundation, who spoke at Assembly Wednesday. Plans are under way for a joint concert with the Tufts' musical clubs to be held in Northampton.

RECENT BULLETINS

"Some Factors in Meal Planning" is the title of an interesting pamphlet recently gotten out by the extension service. The author, Miss Marie Sayles of the home economics department, emphasizes those factors which should be considered in planning meals so as to include the correct proportions of food-stuffs for the requirements of the family. Tables are given showing the value of different foods and the needs of the body according to the kind of work the person is doing. Sample menus are also included to aid the farm woman in preparing varied meals.

Another bulletin deals with farm management demonstration work in Massachusetts. Well illustrated, it sets forth in detail the work of the extension service in conducting farm management demonstrations. The recommendations at the end of the bulletin are particularly interesting. Mr. Bronson there advocates business on a larger scale to reduce proportionate operating costs. Where wholesale milk is produced, cash crops, such as poultry, should be introduced to provide a better distribution of labor. Better producing stock and better crop yields pay well on the successful farm, which has a well-balanced business.

SPECTATORS NOT ALLOWED

At the suggestion of the senior society, Adelphia, the informal committee has decided to lock the door of the drill hall spectators' balcony at all future informals. The presence of lookers-on who crowded the gallery and stairways has in time past been a serious problem in the conducting of these affairs for the fullest enjoyment of the guests from neighboring colleges. The committee therefore takes this means as the simplest way to solve the difficulty.

1914 NOTES

R. E. Nute corrects the "daughter" part of his '14 note and says the name is Raymond Edson Nute Jr.

Harry Brown wishes to correct his '14 note also and say that he is absolutely not engaged as was reported recently. He is still with the Smithport Extract Co. Inc., manufacturing tauning extract's, but has recently been transferred from plant No. 2 in Jefferson, N. C. to the main plant at Damascus, Va. In a recent letter he says "I expect to get a vacation soon and am going to try to get up into the United States for a while."

Det Jones has been eradicating earwigs in Newport, R. I., this summer.

E. S. Clark is now doing expert cow-testing for the Worcester County Farm Bureau.

Larry Hogg is still at Tempe, Arizona, doing research work.

Arthur Brooks is back from his recent job in California and is now in Elizabeth, N. J., with the Grasseli Chemical Co.

Art Weizel writes form San Pedro De Macorio, Dominican Republic: "Am running fertilizer experiments here, having 112 acres to look after. This year the company turned out 213,025 bags of sugar or 3 1-2 million dollars worth. In all we have 36,000 acres of land, cut 280,000 tons of cane have 25 miles of railroad system, eight locomotives, and three tug-boats."

Henry Clay is a market investigator and crop report publisher for Jersey melon growers.

Jack Wing is running a dairy and hog farm in Piedmont, N. H. Address Box 27, Pike, New Hampshire.

ALUMNI NOTES

The 13th annual reunion and banquet of the M. A. C. club of New York will be held at the Hotel Manhattan, Saturday evening, Nov. 11, at 7 o'clock. President Butterfield will deliver the principal address of the evening and a snappy program devoted to reminiscences of the earlier, later, and more recent undergraduate life will be handled by "Bob" Cochran '82.

'09.—Donald J. Caffery is one of the joint authors of the U. S. department of agriculture Bulletin 443, on the New Mexico Range Caterpillar.

The purpose of this bulletin is to place before the stockmen and farmers of the Southwest the results of investigations carried on during the past three years concerning the control of this pest.

'12.—Stephen F. Hamlin is the author of a very attractive book recently puolised by Doubleday, Page & Co. and entitled "Book of Garden Plans."

'15.—"Don" Williams is confined at home, Catasauqua, Penn., on account of an accident. He writes: "The local football team of ironheavers was one man short. I took the place. We journeyed to Palmerton and engaged 11 husky zincrollers. The day was warm. We played in a gravel pit, the crowd, to say the least, was partisan, and the referee just loved to see the boys slug. Being more fortunate than the rest of our team, I got into only three fights. It was a glorious game. I received a kick-off and started running. Then I hit something or something hit me. They told me I was "out" 10 minutes. I haven't walked much since. The "doc" tells me it's a wrenched knee, with complications, and cheerfully asserts I shall be able to get around all right in two weeks. Otherwise I'm feeling fine."

'16.—Albert E. Lindquist is with *Better Farming*, 140 Ohio St., Chicago, doing editorial work and advertising soliciting. He has been traveling through the middle west, and writes enthusiastically of his work. He is in charge of the department of market news. October *Better Farming* also contains one of his special articles.

Gallup at Holyoke
293-297 High St.
—SELLS—
Hart Schaffer & Marx Clothes
Come down to Holyoke and see our big store.

The Brisk Smoke—"Bull" Durham
When you see an alert-looking young man in a lively argument roll a "Bull" Durham cigarette—it's the natural thing. He likes to punctuate a crisp sentence with a puff of "Bull" Durham. His mind responds to the freshness that's in the taste of it, and his senses are quickened by its unique aroma. A cigarette of "Bull" Durham just fits in with keen thinking and forceful action.
GENUINE
"BULL" DURHAM
SMOKING TOBACCO
Made of "bright" Virginia-North Carolina leaf, "Bull" Durham is rich, fragrant, mellow-sweet—the mildest, most enjoyable of smokes.
Ask for FREE package of "papers" with each 5c sack
"Roll your own" with "Bull" Durham and join the army of smokers who have found that so good a cigarette cannot be obtained in any other way.
FREE An Illustrated Booklet, showing correct way to "Roll Your Own" Cigarettes, and a package of cigarette papers, will both be mailed, free, to any address in U. S. on request. Address "Bull" Durham, Durham, N.C.
THE AMERICAN TOBACCO CO.

JUST A TIP!
This year it's Sheepskin-lined Coats that have a clear field. Be sure you have yours before the "big" game; you will look "right" in one of these big roomy coats and you won't know what it is to be cold.
We have the largest line of these coats in the state and all we ask is an opportunity to show you the exceptional values that we are able to offer you. Ask the man who owns one.
Hart Schaffner and Marx Suits and Overcoats
SANDERSON & THOMPSON

School and College Photographers . . .
White Studio
LOCALLY: 52 Center St., Northampton, Mass., and South Hadley, Mass
MAIN OFFICE: 1546-1548 Broadway, New York City
These Studios offer the best skilled artists and most complete equipment obtainable

E. FRANK COE FERTILIZERS
The Business Farmer's Standard for Over 55 Years
RELIABLE AGENTS WANTED
Write to Local Agency Manager
THE COE-MORTIMER CO.
51 Chambers St., New York City

MAGAZINE GIVES BOOST TO FLORICULTURE DEPT.

Getting Ready for Flower Show. More Attention to Commercial Classes.

Horticulture in commenting on the coming M. A. C. flower show gives the floricultural department credit for advanced ideas along right lines and a turning away from the stereotyped flower shows of the past.

The department believes that this credit is deserved and as evidence of it on Nov. 11, 12 and 13 in French hall will stage an exhibit, open to the public, which will be as far away from the ordinary as possible.

In addition to the features noted in last week's *Collegian*, a series of blooms showing the evolution of the chysanthemum from its earliest form to the present commercial specimens will no doubt attract attention.

Realizing that the commercial classes need more space, a room has been set aside for this work which will assume proper setting. It is expected that in these classes many of the local florists will compete.

One thing which cannot be overemphasized is that all of the flowers used in the decorations are grown in the college greenhouses. On Monday night, the last night of the show, a joint meeting of the Northampton and Holyoke and the M. A. C. Florists & Gardener's clubs is planned, with the local club as host.

FLORICULTURE NOTES

The department of floriculture is showing many of its products at the Northampton and Holyoke Florists' and Gardeners' club flower show in Northampton this week. Chrysanthemums are the chief features and the college has specimens entered in nearly all classes.

Seniors in floriculture are competing in basket arrangements in a special M. A. C. student class.

The juniors have practically finished reglazing the upper plant house and have started inside propagation work.

Seniors in floriculture assisted in planting the violet house with its winter crop of violets last week.

The chrysanthemums are better than ever before and some splendid specimens have already been cut for show purposes. The rest are being held for the department show.

Shipments of surplus stock of roses and carnations to Springfield have been going on for several weeks.

WANT LONGER HOURS

Recent action by the senate has brought up the matter of keeping the college library open for longer hours than at present. The proposal now under consideration by the authorities is to have the library open continuously on week days from 9 A. M. to 9-30 P. M. and on Sundays from 9-30 A. M. to 6 P. M.

The Massachusetts Agricultural College

Offers courses of instruction in twenty seven teaching departments, which embrace the study of

Agriculture, Horticulture, Science, Humanities and Rural Social Science.

A student may specialize in the following subjects:

Agriculture
Agronomy
Animal Husbandry
Dairying
Poultry Husbandry
Rural Journalism
Floriculture
Forestry
Landscape Gardening
Pomology
Agricultural Chemistry
Agricultural Economics
Economic Entomology
Microbiology
Economic Botany
Agricultural Education
Rural Social Science

For complete catalog and illustrated booklet, write

KENYON L. BUTTERFIELD, PRESIDENT
AMHERST, MASS.

COLLEGIAN DIRECTORY

Associate Alumni, C. A. Peters, Secretary
Joint Committee on Intercollegiate Athletics, H. M. Gore, Secretary
M. A. C. Athletic Field Association, C. S. Hicks, Treasurer
Non-Athletic Association, H. E. Robbins, Manager
The College Senate, L. T. Buckman, President
Football Association, R. L. Holden, Manager
Baseball Association, R. D. Hawley, Manager
Track Association, O. S. Flint, Manager
Hockey Association, M. R. Lawrence, Manager
Basketball Association, N. Moorhouse, Manager
Rifle Club, S. F. Tuthill, President
Musical Association, A. F. Williams, Manager
Nineteen Hundred Seventeen Index, D. M. Lipshires, Manager
Nineteen Hundred Eighteen Index, F. W. Mayo, Manager
M. A. C. Christian Association, K. L. Messenger, Manager
M. A. C. Catholic Club, D. O. Merrill, President
Fraternity Conference, E. L. King, President
Stockbridge Club, L. T. Buckman, President
M. J. McNamara, President

There are Seven Good Reasons why you should buy your

COAL
OF
C. R. ELDER

WOODWARD'S LUNCH

27 Main St., Masonic Bldg.,
Northampton, Mass.

Lunches, Soda, Ice Cream

Closed only from 1 A. M. to 4 A. M.

The Connecticut Valley Street Railway

From Amherst, via Northampton, through the Hatfields, past the foot of Sugar Loaf Mt., alongside the famous Bloody Brook battle ground to Old Deerfield, thence to Greenfield, Turners Falls and across the "Plains" to Lake Pleasant, Montague and Millers Falls.

50 Miles of Trackage—Modern Equipment—Train Dispatching System—Freight and Express Service over entire line.

Connecticut Valley Street Railway Company

Jacob Reed's Sons are the leading manufacturers of

UNIFORMS

For college and military schools, and have won and maintain their prestige by sheer merit. The uniforms worn at Massachusetts Agricultural College are finished examples of our product.

JACOB REED'S SONS.
Makers of "Gold Medal Uniforms."
1424-1426 Chestnut St., Philadelphia, Pa.

FOUNTAIN PENS

Moore's Swan's
Waterman's

Thirty-six dozen pens to select from.

—OUR RULE—
"Satisfaction guaranteed or money refunded."

DEUEL'S DRUG STORE

COLLEGE SHOES

We carry the largest stock in the state outside of Boston.

MODERN REPAIR DEPT.

E. M. BOLLES
THE SHOEMAN

CARS

Leave AGGIE COLLEGE for HOLYOKE at 15 min. past the hour.

CARS

Leave AMHERST for AGGIE COLLEGE at 7 and 37 min. past the hour.

Special Cars at Reasonable Rates

AMHERST & SUNDERLAND ST. RY. CO

THE TEMPSY PARLOR
Cleansing Pressing Repairing
Quickest service, Best Work, Lowest Price
All work carefully done. Work called for and delivered. Gents' overcoats, suits, pants and coats. Ladies' fine linen suits a specialty.
Teams will call every day at M. A. C.
WM. FRANKLIN, Prop.
Rear Nash Bl'k, Amherst. Tel. No. 304

Amherst
CO-OP LAUNDRY
High-Grade College Work

Shirts,	10-15c
Collars,	2 1-2c
Cuffs,	2 1-2c
Plain wash,	48c per doz.
Same, rough dry,	30c per doz.

DRY CLEANING AND PRESSING
Steam Pressing 40c, 3 Suits for $1.00
Dry Cleaning and Pressing, $1.50 a Suit

All bills payable at Co-op. Store and parcels left there will receive prompt attention.

GRAYSON '17, Agent
HIGGINBOTHAM '17, Asst. Agent

THE MASSACHUSETTS COLLEGIAN

MASSACHUSETTS AGRICULTURAL COLLEGE

Vol. XXVII. Amherst, Mass., Tuesday, November 7, 1916. No. 6

AGGIE LOSES TO TUFTS IN WELL PLAYED CONTEST

Varsity Fights Gamely. Forwards Work Well for Brown and Blue. Final Score 28-0.

Playing a stubborn defensive game, Massachusetts Aggie went down before the bewildering shifts and forward pass attack of the Tufts eleven at Medford Saturday. The 28 points piled up by the Brown and Blue fail to indicate the kind of game the Aggie men put up against heavy odds, for although the ball was in M. A. C. territory almost continually, Tufts always struck a stone wall when near the goal line, which spoiled many of their chances to score. Long end runs by Pond and Boles gained Aggie's four first downs, while Tufts resorted mainly to a forward passing game, making a total of 136 yards in seven successful heaves out of 12 attempts. Doane's plunges through the line were nearly always blocked, and several times the Tufts runner was thrown for a loss.

Tufts opened the first period by recovering the ball on the 25-yard line when an Aggie player fumbled the kickoff. A succession of rushes brought the pigskin to within five yards of the goal, when the M. A. C. defense tightened and held Tufts for downs. Failing to gain, Aggie was forced to punt, and again Tufts tried to penetrate the Aggie defense without success. Neither team had any advantage for the rest of the period, and an exchange of kicks left the ball at the end of the quarter in Aggie's possession on her own 30-yard line.

Tufts Blocks Kick

In the first few minutes of the second quarter, Tufts managed to work the ball to within three yards of the goal only to be held for downs by the stubborn defense of the Aggie line. Pond tried to kick out of danger from behind his own goal posts, but Beacham broke through, blocking the punt and touching the ball down for Tufts' first score. Wescott kicked an easy goal. Boles received the next kickoff and dodged through a broken field to the 50-yard line. Three attempts to gain through the line failed, and Pond was forced to kick. Straight football proved powerless against the Aggie defense,

[Continued on page 5.]

COACH MELICAN UNDERGOES OPERATION IN WORCESTER

Stricken with Appendicitis on Way to Game with Tufts. Rapid Recovery Expected.

The active services of George D. Melican '15 as head coach of varsity football were lost to the college for the rest of the season just previous to the Tufts game Saturday when he was forced to undergo an operation for appendicitis at St. Vincent's Hospital, Worcester. He was stricken Friday afternoon while on the way to Boston with the team and his place as chief strategist was taken by Palmer in the Tufts contest.

Professor Hicks saw Coach Melican at the hospital Sunday, and found that the operation had been so successful that Melican will not be confined to the hospital over two weeks. It is possible, therefore, that he will be able to direct the final contest with Springfield from the bench, but in the meantime the entire coaching will be managed by Assistant Coaches Perry and Palmer.

ANNUAL FLOWER SHOW TO HAVE FINE DISPLAY

To Open Saturday Afternoon in French Hall, Featuring Chrysanthemums

Practice work and experience for floriculture students is the foundation on which the M. A. C. Flower Show is based. Therefore people wishing to see what can be done in the way of up to the minute floriculture should drop in at French Hall next Saturday, Sunday or Monday. The advice is given to come Saturday as that will give an opportunity to come back two more days and appreciate what was missed on the first visit.

At 2 P. M. Saturday, however, everything is to be in readiness and the public will be treated to a well arranged display of campus-grown blooms of all kinds with the chrysanthemum as the seasonable feature.

The work of the seniors at Northampton last week proved what can be done in the way of basket arrangements and two or more classes of these will be staged. The juniors have some clever plans for table decorations and intend to put on something new.

Wedding decorations will also be featured as well as boxes of flowers packed to withstand the banging and jambing of express or parcels post.

CROSS COUNTRY RUNNERS WIN FROM SPRINGFIELD

Aggie Team has but little Trouble with Y. M. C. A. College. To Run Williams Saturday.

In their second cross country run of the season M. A. C. defeated Springfield Y. M. C. A. college over the Aggie course by the score of 24-31 last Thursday. Captain Lyons '18 won the race in a sprint near the finish, defeating Snow of Springfield by 20 yards in the fast time of 26:35. Peabody of Springfield closely followed Snow but all chances for the Y. M. C. A. college to win were lost when Bainbridge, Chapin and Gordon came in together. Lyons bettered the record of the course, held by Brown of M. I. T. by 40 seconds.

The summary:

1	Lyons, m	6	Gordon, m
2	Snow, s	7	Thompson, s
3	Peabody, s	8	Sweeney, m
4	Bainbridge, m	9	Anger, s
5	Chapin, m	10	Libby, s

Next Saturday the Maroon and White team runs Williams at Williamstown and a hard race is expected. The Purple team defeated Union last Saturday by an overwhelming score and Brown of Williams ran the four and a half miles in the fast time of 21.24. Captain Lyons is giving his men easy work to prevent them from going stale as all were in perfect condition last week. The loss of Schwartz, who pulled a ligament in his knee, will be greatly felt. The following men will run for M. A. C.: Captain Lyons, Bainbridge, Gordon, Chapin and Sweeney.

HOTEL SOMERSET DANCE

Under Auspices of Greater Boston Club. Date Set For Dec. 29.

The second annual concert and dance of the Greater Boston M. A. C. Club will be held at the Hotel Somerset, Boston, Friday evening, Dec. 29, commencing at 8 o'clock. The concert of the combined musical clubs of the college will precede dancing which will last until 1 o'clock, with music furnished by the M. A. C. orchestra. Tickets will be two dollars a couple.

A similar affair was held last year at the Copley Plaza and proved very successful. The support of the students and alumni within reasonable distance of Boston is urgently requested.

REVISED SCORING PLACES AGGIE JUDGERS SECOND

Mistake in Awarding Points on Ayrshires at Dairy Show. Kinsman '17 Gets a Third.

A statement received last week by the M. A. C. department of animal husbandry from the dairy division of the U. S. department of agriculture shows that the Aggie Stock Judging team took second place in the judging of dairy animals at the National Dairy show instead of fifth as first reported. The error in the first report was accountable to a mistake in awarding points in the judging of Ayrshires. The revised scoring in Ayrshire judging gave the M. A. C. team second place for this herd and raised the college standing to second place in the whole contest. The corrected score also gave A. O. Kinsman, Jr. '17 third place in the individual judging of Ayrshires. By thus winning second place in judging all herds, the Aggie judgers were awarded the J. B. Ford Co. trophy, which was offered to the runners-up in the sweepstakes. Nebraska won first place in the total scoring.

NEW HOURS FOR LIBRARY

Acting on the suggestion of the Senate, the library department has made a few changes in the library hours. Under the new schedule the hours will be as follows:

From 7-30 A. M. to 9-30 P. M. Tuesday, Wednesday, Thursday.

From 8-00 A. M. to 9-30 P. M. Monday and Friday.

From 9-00 A. M. to 1-30 P. M. on Sunday.

This allows 78 available hours in the library. Only four or five colleges have as long hours as this new schedule includes.

M. A. C. DINNER OF WASHINGTON ALUMNI

In connection with the Washington meeting of the Association of American Agricultural Colleges and Experiment Stations and related organizations, the M. A. C. club of Washington, D. C. has arranged a dinner to be held at Hotel Ebbitt, 14th and F streets N.W. Thursday evening, Nov. 16 at 9-00 P. M. sharp. Alumni and former students who can attend are urged to be present. Ladies are invited as usual. Cost about $1.25 per plate.

Library of the Mass. Agricultural College

CALL ISSUED FOR VARSITY BASKETBALL CANDIDATES

To Practice Twice a Week. Positions Open for Assistant Managers. Freshmen to Have Schedule.

The management of the basketball association announces that there will be practice for the candidates for the varsity five two nights a week until Thanksgiving. The first practice will be tonight, Tuesday, Nov. 7, at 7-30 P. M. in the drill hall for all candidates except the following:

1. Members of the football squad.
2. Men who were shown to be ineligible on the Dean's board of Nov. 4.

For the present no equipment will be furnished from the office, running suit and sneakers being sufficient.

Candidates for assisiant manager of basketball should hand their names to Moorhouse '17, Clapp '18 or Odams '18 as soon as possible.

A freshman schedule is being arranged and candidates will be called out immediately after Thanksgiving.

WILLIAMS TO BE OPPONENT OF VARSITY ON SATURDAY

M. A. C. will meet Williams at Williamstown next Saturday in the first football game between the two institutions for a number of years. The Purple team has a fairly good record thus far this season, winning three games, tying one, and losing two. They have defeated such teams, as Union, R. P. I. and Wesleyan while M. A. C. has won from Conn. Aggie and Worcester Tech. This does not give any chance for comparison but it is safe to say that Williams will have to play better than she has yet in order to break even.

The Maroon and White team was going at her best in the game with Tufts, playing far better than the week previous. The squad is in the best of conditiou and all indications point to a victory over Williams.

The probable line up:

M. A. C.	WILLIAMS.
E. Grayson, le	re, Bacon
Holmes, lt	rt, Halsted
Spaulding, lg	rg, Brewer
Roberts, c	c, Welch
Dunn, rg	lg, Wright
Edwards, rt	rt, Clifford
Day, re	le, Brown
F. Grayson, qb	qb, Gifford
Pond, lhb	rhb, O'Brien
Boles, rhb	lhb, McLean
Weeks, fb	fb, Lewis

ICE CREAM LABORATORY

Flint laboratory, ever known on the campus as the home of inovations and big things, is busily occupied in installing a new ice cream laboratory. The staff of the dairy major are hoping that the new department will serve the twofold purpose of instruction along modern lines in ice cream making as well as becoming a paying proposition in itself. Every other department is now upon a strictly commercial and self paying basis and there seems every indication that this new feature will also be self supporting. The products are sold to the dining hall, to retail stores and to students.

New machinery is being installed and eventually this department will have every modern device at its command. The students are here taught to manufacture ice cream just as if they were working for any large commercial plant. In this way they get both the theory and the practice.

LANDSCAPE CLASS MAKES A TOUR OF INSPECTION

About ten members of the senior class in landscape gardening made the annual trip of inspection of the most prominent Brookline estates and parks under the guidance of Mr. Harrison over the week-end. Friday afternoon the class visited "Weld," the estate of Larz Anderson, and "Faulkner Farm," both in Brookline. Saturday morning "Holm Lea" was visited and the Muddy Brook Parkway. The trip was for the purpose of considering the plan and planting together with architectural features of the grounds.

JUNIORS TO HOLD SMOKER

A junior smoker will be held Wednesday evening at 7 o'clock in the Social Union. Prof. Hicks will be the principal speaker. A musical program has been arranged, after which refreshments will be served.

N. A. A. TO GIVE MEDALS

The non-athletic board recently adopted an appropriate medal to be awarded to members of the Roister Doisters, the musical clubs, the COLLEGIAN board, and the debating club. The design of the medal on one side is a composite representing the above non-athletic activities. The reverse side is a blank on which will be engraved the owner's name, length of time in particular club, and position held therein.

The awarding of such a medal has been decided upon, not only as an honorable compensation for activities in non-athletics, but as an incentive to increase interest in these organizations.

INFORMAL SATURDAY

Saturday the first informal of the year will be held in the Drill Hall. The Mt. Holyoke chaperon will be Miss Wheeler, Brigham hall, while the two chaperones from Smith will be announced as the men purchase their tickets. The music will be furnished by Bosworth of Northampton. A large attendance is looked for not only from the student body but from the 1916 alumni.

Tickets are on sale by W. R. Irving '17, 13 South college.

FRESHMAN SQUAD CLOSES VERY SUCCESSFUL SEASON

A 6 to 0 win over Holyoke High closed the freshman football schedule Saturday. The season was a very successful one, with a record of four victories to one defeat, and a total score of 64 points for the freshmen as against 40 for their opponents. The first game was played with Suffield, Oct. 7, and the 33 to 0 defeat may be partly attributed to the fact that Suffield had already played two games, while the Aggie youngsters had not yet quite "gotten together." Oct. 14, a slow game was won from Hartford High school, 7 to 0. The following Saturday Worcester North High was defeated 39 to 0. In this game the freshmen showed real football, the line held well, and the backfield made consistent gains. Oct. 28, Monson was defeated on their own field, 12 to 7. The team played exceptionally well in all departments, and clearly outclassed their opponents. In the final game with Holyoke, the freshmen were at their best, and showed clearly that they had some good material for next year's varsity, particularly in the backfield. Among the individual stars brought forth under Coach Gore's teaching were Captain Gorwaiz, Readio and McLeod in the line, Vigezzi, Lent and Cande in the backfield and Dewing as a punter.

COMMITTEE ON INTERCLASS ACTIVITIES STARTS WORK

At the first meeting of the inter class athletic board Emory Grayson '17, was elected president, P. G. Harlow '17, vice-president, O. G. Pratt '18, secretary and Harold M. Gore, faculty manager. It was decided by the board that the meetings should be run under parliamentary law, and that this would suffice for a constitution.

The board votdd that the annual Sophomore-Freshman football game be played Nov. 11, 1916, at 2-30 P. M., while the Sophomore-Freshman six-man rope-pull will come off at 8-30 on the following Saturday, Nov. 18, on the old field between South College and the Drill Hall. The matter of rifle matches was brought up and it was voted that they be left to the military department. Boles, '17, and Goodwin '18, were appointed as a committee to draw up rules the awarding of numerals. Harlow '17 and Carpenter '19, were appointed as a committee to decide upon the method of electing class managers. Numerals are to be given in cross country to the first five men who finish exclusive of Varsity track men. By this ruling numerals were awarded to Lyons, Schwartz, Gordon, Mitchell, all 1918 men and Chapin, 1919, these being the first five men who were not "M" men, to finish in the interclass run Oct. 21. One of the duties of the representatives of each class is to keep the class informed of the business transacted at each meeting.

Cox Sons & Vining

72 Madison Ave., New York

Caps
Gowns
Hoods
for all Degrees

ROBES FOR JUDICIARY, CLERGY AND CHOIR

RAHAR'S INN

Northampton, Massachusetts
EUROPEAN PLAN

The Best Place to Dine
All Kinds of Sea Food
Special luncheon from 11-30 to 2 p. m.
—A la carte service—
6-30 a. m. to 11-30 p. m.

R. J. RAHAR, Prop.

To the Students of M. A. C.

Announcing that if the boys want to have their shoes tapped with the best quality of leather, drop in and see

J. GINSBURG

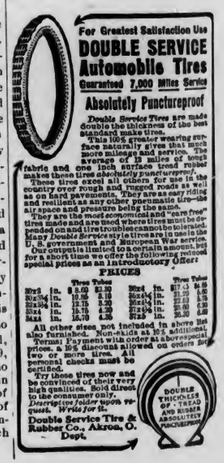
11½ Amity Street

The "Nonotuck"

HOLYOKE'S LEADING HOTEL

Club Breakfasts, 25c to 75c
Business Men's Luncheon, 60c
Sunday Table d'Hote Dinner, $1.25

GORHAM BENEDICT, Mgr.



NOTICE

There will be a meeting of the Informal Committee Wednesday evening at 6-30 in room 12, North College. A full attendance is requested.

R. W. SMITH.

TWO NEW BULLETINS

Manuscripts for two bulletins have been sent to the State Supervisor of Administration and when passed by him will appear as Experiment Station publications. The first is on Shade Trees, their diseases and care, written by Dr. G. E. Stone former head of the Department of Botany at M. A. C. and an authority on shade trees.

The second, by Prof. W. L. Machmer, is a survey of the cost and methods of production and marketiug of onions in the Connecticut Valley. Bids are also being received for the printing of the annual inspection bulletius for feeds and fertilizers.

SOLAR PLEXUS OR POINT OF JAW SAYS SIXESMITH

If a man insults you, steals your watch, or bumps into you, hit him in the solar plexus or on the point of his jaw, advises Mr. Sixesmith, an advocate of boxing as an exercise and fighting as a defense, who is giving a course of boxing lessons here. Mr. Sixesmith fought in the ring as "Tommy Murphy" and has been through forty battles with no defeats. He comes here with a national reputation and 100 sets of 10 ounce gloves.

"I trained Roosevelt for his African trip," he declared, to the students as he spoke to groups of them. He has recruited a class of 18 Aggie men and two from Amherst college, to whom he gives five lessons a week in the drill hall at 5 P. M.

NO PROFIT IN SELLING MILK AT FOUR CENTS

Recent experiments carried out under the supervision of the extension service show that the actual cost of milk production often exceeds the selling price accepted by the farmer. It has been found that the food cost of a quart of milk is 3.33 cents, cost for care and supplies 2.05 cents. From these figures it can be seen that the farmer with a grade Jersey herd giving 6000 pounds of milk yearly per cow, testing 5 percent fat, should receive 5.4 cents a quart at the farm in order to get a fair market price for his roughage and $35 labor per cow yearly. The producer selling milk at 4 cents a quart, according to Dr. Lindsey, in Extension Bulletin No. 11, cannot make money.

1913 NOTES

John L. Mayer of South Boston has recently been appointed principal of one of the Boston schools by the school board of that illustrious town.

Norman R. Clark, president engineer for the Massachusetts Highway Commission, address 518 Main St., Worcester, spent the week end at college. "Nubbie" Adams acted as chauffeur.

Other Dairy Show visitors, "Jim" O'Brien, Gaskill, Ben Allis, B. J. Kelley, MacDougall, Coleman, Cristman, Bullard, etc.

Glover E. Howe, the Harvard Medic, now living in the big city, address 133 Peterboro St., Boston.

Headle "M" and "Heinie,' Goodenough are running a farm "somewhere" in the state but to date we haven't been able to definitely locate them. Finder please return, reasonable reward.

1914 NOTES

There are a few men who have delayed or forgotten their $2.75 tax, for this year's insurance premium. If those men would kindly remit said sum at once to L. A. Webster, Blackstone, it will save the expense to the class of getting out a few dunning letters and help the class to get a proper start for the coming year.

Geo. C. Churchill, orchardist at the Worcester Home Farm. He says, "Orcharding at the Home Farm is now a sort of infant industry but it has good possibilities for growing."

C. H. Peters expects to spend the winter in Cooperstown, N. Y. This summer he spent his time on the invalid trees around Grand Mere, P. Q. Canada.

R. E. Handy is the only farmer among '14 reporting a pleasant and profitable summer. He is raising chickens in Cacaumet.

Jeff Calvert has retired from active fruit growing and is assistant manager of a general store in New London.

1916 NOTES

Clinton F. Goodwin '16 who has been with the M. A. C. landscape department since graduation is now with a drafting company in Hartford, Conn.

From the city of Buckfield, Me., came a letter from Sax Clark, who is working with the Maine Fruit Growers' Exchange "Sax" may be addressed at Buckfield, in care of E. E. Conant.

"Ty" Rogers has started on his graduate work in landscape at Harvard. Ty's brush and comb are on the bureau at 26 Perkins Hall, Cambridge.

"Bill" Coley is teaching botany in the high school at Wilton, Ct.

"Charlie" Gould is letting people know about the college, and has an office in South, across the hall from Mr Watts. The scientific name of his position is Field Agent, but it is possible that Field Driver would be better, as Charlie moves from place to place in one of "Don's" chevs.

"Don" Sherinyan has remained in Amherst with the avowed intention of selling automobiles. If Don can't

(Continued on page 8)

ONE OF CAMPION'S COLLEGE STORES

We are sole agents for the Reversible Collar Campion Custom Made Shirts, made especially for college men, from **$1.50** to **$6.00.**

Crofut & Knapp, also Chase of New Haven Hats, from **$3.00** up.

THE ENGLISH AQUASCUTUM COATS

Ready-to-wear Clothes for young men from Atterbury System-Fifth Ave., from **$22.00** up.

Made-to-your-measure Clothes, from **$25.00** up.

Mr. Campion personally superintends to fitting in this department and is an expert in the business.

ONE OF THE BEST CUSTOM TAILORING DEPARTMENTS IN THE STATE

ONYX HOSIERY MARK CROSS GLOVES KNOTHE BELTS

CAMPION'S COLLEGE STORE At Amherst

—Come to us for—

Fireplace Goods, Coat and Trouser Hangers

Ever Ready Flash Lights and Paint

Clothes and Shoe Brushes

Anything in Hardware and Cooking Utensils

Always glad to see you.

THE MUTUAL PLUMBING & HEATING CO.

BURPEE REGISTERED TRADE MARK "The Seal of Quality"

Burpee's Seeds Grow

FOR forty years we have rendered faithful service. For forty years we have tried to make each year's service more nearly ideal. This untiring effort has built for us not only The World's Largest Mail Order Seed Business, but also a World Wide reputation for Efficiency and undisputed leadership. The Fortieth Anniversary Edition of **Burpee's Annual,** *the* **"Leading American Seed Catalog"** is brighter and better than ever. It is mailed free. A postcard will bring it.

W. ATLEE BURPEE & CO., Seed Growers,
Burpee Buildings Philadelphia.

Page's Shoe Store

Largest Stock—Lowest Prices

Expert Repairing—Best leather used

JACKSON & CUTLER

—DEALERS IN—

Dry and Fancy Goods and Choice Family Groceries

THE MASSACHUSETTS COLLEGIAN

Published every Tuesday evening by the Students of the Massachusetts Agricultural College.

BOARD OF EDITORS.

RICHARD W. SMITH '17. Editor-in-Chief
MARSHALL G. LANPHEAR '18. M'ging Editor
MILFORD R. LAWRENCE '17. Assistant Editor
WILLIAM SAVILLE, JR. '17. Alumni Editor

ASSOCIATE EDITORS.

JOHN T. TOZER '17
JOSEPH F. WHITNEY '17
FRANK J. HINKS '18
NATHAN W. GILLETTE '18
EDWARD S. MITCHELL '18
ELIOT M. BUFFUM '19
MYRTON F. EVANS '19

BUSINESS DEPARTMENT.

MERRILL P. WARNER '17. Business Manager
JAMES C. POWELL '18. Assistant Business Manager
BIRGER R. ROSEQUIST '18. Advertising Manager

Subscription $2.00 per year. Single copies, 8 cents. Make all orders payable to **Merrill P. Warner.**

In case of change of address, subscribers will please notify the business manager as soon as possible.

Entered as second-class matter at the Amherst Post Office.

Vol. XXVII. Tuesday, Nov. 7. No. 6

THE loss of George D. Melican as active head coach of the football team for the remainder of the season, though unavoidable, is indeed to be regretted. Coming as it did, directly before the game with Tufts, it appeared almost disastrous, but the showing made by the team in that game proved that Melican had succeeded in instilling permanently the fighting spirit of the Brides coached elevens of the last three years, into these men, which alone is an achievement worthy of great credit. The burden of maintaining this spirit at its highest notch now falls upon the two assistant coaches, and more than ever before is needed now the unflinching self-sacrificing support of the entire student body. It is time for us to *prove* our loyalty.

ANY thoughtful person attending the forum last Wednesday could not but have been impressed with the scarcity of opinion on the subjects under discussion. Was it because the students had no ideas or because they all were in absolute agreement and therefore saw no need to speak? To think that here was a body of Aggie men without a thought in their heads would indeed be a sad indictment of their intelligence. No more can we believe that the entire student body was in perfect accord with everything discussed. Yet the fact remains that there was no discussion at all, only a dumb acquiesence on the part of the many to the remarks of a small number of men. Is it any wonder that ten per cent of the student body controls 90 per cent of the activities of the college? The great majority of Aggie men are evidently content to go blindly on playing follow the leader, with never a comment or comeback one way or another. The forum was intended as a place for the free expression of opinion; the attitude of the student body has thus far made it a place for the suppression of opinion.

Aggie men have a peculiar sense of what constitutes loyalty. It seems to be an unwritten law here that it is poor spirit to criticize college institutions which have accumulated a sort of sacred tradition. Would it not be better to discuss these things in perfect frankness, finding out the good and the bad, and seeking the remedy? Because a custom is old does not prevent its growing useless with the passing of time, neither are innovations to be despised simply because "it never has been so." Let us hear at future forums some real opposition.

CAMPUS CALENDAR

[Notices for this column should be dropped in at the COLLEGIAN office or handed to Nathan W. Gillette '18 on or before the Monday preceding each issue.]

WEDNESDAY, NOV. 8

2-10 P. M.—Assembly. Harry H. White '15.
3-45 P. M.—Stockbridge club, Room 114 Stockbridge hall.
7-00 P. M.—Microbiology club, Microbiology Building.
7-00 P. M.—Orchestra rehearsal, Old Chapel.
8-00 P. M.—Junior smoker.

THURSDAY NOV. 9

3-30 P. M.—Y. M. C. A.
7-00 P. M.—Glee club rehearsal, Old Chapel.

SATURDAY, NOV. 11

2-30 P. M.—Varsity football, M. A. C. vs. Williams at Williamstown.
2-30 P. M.—Cross-country M. A. C. vs Williams at Williamstown.
2-45 P. M.—Football, 1919 vs. 1920 at Alumni Field.
3-30 P. M.—Informal, Drill hall.

SUNDAY, NOV. 12

9-00 A. M.—Sunday chapel, Dr. Richard C. Hughes, Presbyterian church, Madison, Wis.

METAWAMPE ORGANIZES

Faculty Outdoor Club Meets for Election of Officers.

That the Metawampe club still holds the interest of faculty lovers of outdoor life was well shown last Wednesday, when the club met to elect officers for the coming year. Prof. C. H. Thompson was chosen president, and F. A. Cushing Smith secretary of the organization, while E. H. Forbush was elected to the office of chief trek master. These three officers form the executive committee which maps out the program of treks for this year. Formerly including among its membership both students and professors Metawampe has gradually become more and more a faculty outdoor club. Frequent hikes, parties, and other stunts are put through each year which are greatly enjoyed by the faculty "trekkers."

ABOUT THE CAMPUS

In order to make the drill hall available for varsity basketball, which is to be introduced for the first time in Aggie this winter, portions of the board ceiling will be removed at each end. This was necessary as the latter was much too low to facilitate good playing.

A place to put your Ford! After a month's labor the sophomore class in rural engineering has completed a garage.

Forty seniors and 60 juniors have taken no chapel cuts! Have you forgotten, oh ye mighty, that morning sleep is beneficial?

FIRST YEAR MEN WIN A CLOSE GAME FROM HOLYOKE

Playing high class football, the freshman team defeated Holyoke High school last Thursday on Alumni Field, 6–0. Although the score was close, the "Aggie" youngsters showed themselves much superior to their opponents, especially on the offense. The defense of both teams was of high order, Holyoke twice holding the freshmen for downs when the latter were within the ten-yard line Holyoke received the kickoff, but a fumble gave the "Aggies" the ball on the twenty-yard line. A few rushes were sufficient to put the ball over, Lent making the score.

Although the Paper City boys were not able to get within the freshmen's forty-yard line, they were strong enough to prevent further scoring, at times by narrow margins. Lent's gains around the ends and Cande's strong line plunging featured the freshmen's offense, while Captain Gorwaiz and Readio played well in the line.

M. A. C. 1920.		HOLYOKE H. S.
Carleton, le		re, Sparrow, Clifford
Gorwaiz, lt		rt, Mahoney
Readio, lg		rg, Bober
Bacon, c		c, Hurley
McLeod, Bunker, rg		lg, Dowling
Talmadge, Dewing, rt		lt, Gage
Dewing, Gray, re		le, Turcott
Vigezzi, qb		qb, Merriman
Lent, lhb		rhb, Swords
Mallon, rhb		lhb, Daley
Gray, Cande, fb		fb, Garvey

Score—M. A. C. 1920 6, Holyoke H. S. 0. Touchdown—Lent. Referee—Kennedy of Amherst. Umpire—McNutt of Ohio State. Head linesman, Hicks of Ypsilanti. Time—10 minute periods.

PRESIDENT MURLIN WILL SPEAK

Dr. L. H. Murlin, president of Boston University will give the annual Phi Kappa Phi address at the assembly exercises one week from tomorrow. At that time the new elections from the senior class to the honorary scholarship society will be announced. Dr. Murlin has been a very successful president of B. U. since 1910, and is ranked as one of our leading educators. An informal luncheon will be given in his honor at Draper Hall Wednesday noon by the members of the local chapter of Phi Kappa Phi.

"BIDE-A-WEE"
Creamed Chicken and Waffles
Our Specialty—And other good things to eat
MRS. L. M. STEBBINS,
Middle Street, Hadley, Mass
Tel. 415-W

UNITY CHURCH
NORTH PLEASANT ST.
A Church home of the liberal Faith, where every student will meet with a cordial welcome.
REGULAR SUNDAY SERVICE AT 7 P. M

FLEMING'S SHOE STORE
Northampton

FLOWERS AND PLANTS
Grown by the Floricultural Dept.
We offer our surplus stock of cut flowers and plants at reasonable rates to students and faculty. This stock is grown in modern houses under ideal conditions. Roses, carnations, violets, chrysanthemums and sweet peas in season.
GROWN ON THE CAMPUS
Telephone 300

HENRY ADAMS & CO.
The REXALL Store

INDISPUTABLE PROOF OF THE BETTER QUALITY OF DE LAVAL SEPARATED CREAM
The most important of all butter-scoring contests are those that take place at the National Convention of the National Butter-makers' Association, held in recent years in conjunction with the National Dairy Show. The first prize winners at every Convention of the Association since its organization in 1892 have all been De Laval users.
Such evidence of the superior quality of cream produced by the De Laval Cream Separator no cow owner can afford to overlook.

To produce high grade butter you must have a fine quality of cream, and to get the best cream you must have a De Laval Cream Separator.
THE DE LAVAL SEPARATOR COMPANY
165 BROADWAY NEW YORK
29 E. MADISON ST. CHICAGO

STUDENT FORUM

Discussion on Dining Hall, Social Union and College Songs. Buttrick '17 Presides.

"The right to express an opinion in public" was not exercised to any great extent in the forum opened in Wednesday assembly, which was introduced by Dr. Sprague, and presided over by Buttrick '17. The dining hall, the social union and the college song were the topics, all handled from one side mostly as there was little opposition.

Buckman '17 attacked the poor spirit on which a recent petition was started complaining against some spaghetti served at a dinner last week. He considered the food the best that could be put out at present prices and exhorted the men to refrain from criticism if they couldn't eat at the dining hall. Chairman Buttrick then asked to hear from the opposition.

Thayer '17 thought that the service was rather slow, and was told that would be corrected as the system got under way.

The attendance at the social union entertainments has been very small on some occasions, and there is a problem of the quality of entertainment that the men want. "Is it movies, or something better?" asked Spaulding '17. He then told how the movies are self-supporting and fairly well attended but that the other affairs suffer by small numbers in the audience.

L. D. Kelsey then told of a student here who would not specialize because he would be unable to talk intelligently with graduates of academic colleges. Admitting that we are a vocational college, and that specialized training is a good thing, Kelsey argued that we needed other things to set the college on a higher plane. Just as in Rome where the forum was originated, we should take interest in beauty, democracy and humor and keep alive in the student body an idea of culture.

Buttrick then referred to the tendency to relax at the week end by going out of town for entertainment. This was natural but we should support our own affairs with more than 50 or a 100 students.

Buckman decried the too promiscuous singing of the college song and said that both the Senate and Adelphia wished that leaders of mass meetings and others would not call for the song except on some college occasion.

The announcement that a fissure has appeared in Princeton's new $300,000 stadium for a time caused some consideration among the student body. Expert engineers from New York, however, claim that the fissure is inconsequential and will cause no structural weakness in the stadium.

LEAVES M. A. C. FOR ARMY

H. K. Foster Receives Commmission as Second Lieutenant

Hamilton K. Foster '18 will leave college this week to enter the United States Army as a second lieutenant. Word was received Saturday that his August examinations were successfully passed, and his commission based on the results will soon be received. Mr. Foster has always been intensely interested in military work, and was a cadet second lieutenant in the M. A. C. regiment. He is a member of the Commons Club and was majoring in landscape gardening.

SOPHOMORE FRESHMAN TENNIS

With only one more match to be played, the sophomores have practically clinched the title of champions in the interclass tournament with the freshmen. The doubles matches have resulted as follows:

Skinner and Buffum '19 defeated Richards and Horne '20 6-2, 1-6, 6-4.
Mansell and Rowe '19 defeated Silverman and Snow '20 2-6, 6-0, 6-3.

The final doubles scheduled between Spaulding and W. F. Smith '19 vs. Newell and Dixon '20 will be played off this week.

ROISTER DOISTERS MEET

At a meeting of the Roister Doisters Dramatic Society last Wednesday, the following officers were elected: Lewis T. Buckman of Wilkes Barre, Pa., president; Charles R. Wilber of Walpole, vice-president; John A. Chapman of Salem, secretary.

The society has under consideration three shows, one of which will be selected as the Junior Prom play. Manager Williams announces that try-outs for the cast will be held within a month at the latest.

BETTER LATE THAN NEVER

"Touchdown," the new football song by Anderson and Spaulding failed to go on sale at assembly because of some accident at the printer's. The song will be out soon however. Copies will be for sale on the campus.

Syracuse varsity football men are to have two practices a day. At 7 o'clock in the morning the men will meet at the Stadium in their street clothes and go through the defensive formations.

TUFTS GAME

[Continued from page 1]

and Tufts began to open up with overhead attack. Olson made 30 yards on a pass from Wescott, bringing the ball to the 37-yard line, where Keefe's attempt at a field goal went wide of the posts. Aggie took the pigskin on the 20-yard line, but after two unsuccessful plays made a fumble which Tufts recovered. The half ended with the ball in Tufts' possession on the Aggie 8-yard line.

Wescott's wide end runs netted long gains for Tufts during the opening minutes of the second half and he was soon pushed over the line for the second touchdown of the game. Aggie came back stronger than ever after the next kickoff, however, and held the ball most of the time, with Pond the principal ground-gainer. The Maroon team gained on each exchange of kicks, and on one occassion Grayson changed what would have been a loss into a gain, by recovering the ball when the punt had been blocked by a Tufts player and making it first down after a 30-yard run.

Stops Chance to Score

Early in the last period Pond got away from the crowd on a long run around Tufts right end and looked certain to score, but he was downed by Hopkins on the 10-yard line. Tufts again got possession of the ball and by a clever combination of forward passes and open field play worked down to within ten yards of the Aggie goal, where the defense strengthened. Line bucks brought the ball in three plays to the 6-yard line, however, from where Hopkins plunged through center for the third score. Forward passes became a part of the Aggie attack after the kickoff and though none succeeded they kept the Tufts men guessing. Swanson then intercepted one of Pond's long heaves and was downed on the 38-yard line. Gains by Wescott and Doane gave Tufts first down on Aggie's 28-yard line, and a long forward, Wescott to Olson, resulted in the final touchdown. For the rest of the game the Aggie team came back strong and worked the ball into Tufts territory, but failing on two successive forwards lost the pigskin to Tufts just before the final whistle blew.

In spite of the score, the Aggie line put up one of the strongest fights of the year and forced Tufts to the limit for every yard. Grayson and Day were down under every punt, and Tufts' gains on the runback were negligible as nearly always the runner was downed in his tracks.

The lineup:

TUFTS		M. A. C.
Lincoln, le		re, Day
W. Brown, lt		rt, Edwards, Hagelstein
Morrison, Spaul, Powers,		
H. Brown, lg		rg, Dunn
Pryor, Watson, c		c, Roberts, Tilton
Powers, Algar, rg		
		lg, Goodwin, Spaulding, Blanchard
Beacham, Haggerty, Abbott, rt		
		lt, Holmes
Saoboun, Olson, re		le, E. Grayson
Bratt, Jeffery, Hopkins, qb		
		qb, F. Grayson
Swanson, Keefe, lhb		rhb, Boles
Wescott, rhb		lhb, Pond
Doane, fb		fb, Weeks, Whittie

Score—Tufts 28, M. A. C. 0. Touchdowns—Beacham, Wescott, Hopkins, Olson. Goals from touchdowns—Wescott 4. Umpire—Moore of Maine. Referee—Carpenter of Harvard. Linesmen—Green of Harvard and Lenir of Tufts. Timer—Williams of M. A. C. Time—four 15-minute periods.

THE
United States Hotel
Beach, Lincoln and Kingston Sts.
BOSTON, MASS.
Only two blocks from South Terminal Station, and easily reached from North Station by Elevated Railway, and convenient alike to the great retail shopping and business centre, also to the theatres and places of interest.
European Plan $1.00 per Day and Upwards
Table and service unsurpassed. Booklet and map sent upon application.
TILLY HAYNES, Proprietor JAMES C. HICKEY, Manager

WEBSTER'S STUDIO
Everything in Photography
GROUPS A SPECIALTY
Good work speaks for itself.
NASH BLOCK, AMHERST, MASS.

AMHERST BOOK STORE
Note Books Fountain Pens
Agents for Rex Typewriter
F. M. CURRAN C. F. DYER

MARSH'S SANITARY
Students' Furniture
RUGS AND CARPETS
E. D. MARSH ESTATE

ESTABLISHED 1892
STEPHEN LANE FOLGER, Inc.
MANUFACTURING JEWELERS
180 BROADWAY, NEW YORK
CLUB AND COLLEGE PINS AND RINGS
GOLD, SILVER AND BRONZE MEDALS

—JOIN THE BUNCH AT—
EPSTEIN'S TAILORING PARLORS
Now located over post office. Upstairs
Pressing and Cleaning a Specialty
Liberal Ticket System Tel. 36-M

College Stationery
With Class Numerals.
Magazines, Newspapers and Fountain Pens
A. J. HASTINGS
Newsdealer and Stationer

Gallup at Holyoke
293-297 High St
—SELLS—
Hart Schaffner & Marx Clothes
Come down to Holyoke and see our big store

S. S. HYDE
JEWELER & OPTICIAN
13 Pleasant St.
Oculists' Prescriptions Filled. Broken Lenses Accurately Replaced. Fine Watch Repairing Promptly and Skilfully Done.
Satisfaction Guaranteed

E. B. DICKINSON, D.D.S.
DENTAL ROOMS
Williams Block, Amherst, Mass.
Office Hours 9 to 12 a. m., 1-30 to 5 p. m.

The Highland Hotel
Corner of Hillman and Barnes Streets, three blocks from the Union Depot, is a modern hostelry run on the European Plan. It is just a step from Main Street, away from the noise and dust and yet in the center of the business district.
Its rooms are well furnished and comfortable, having a telephone and hot and cold running water in every room. Prices $1 and up; rooms with bath (single) $1.50 and up.
Its excellent cuisine and well ventilated dining room makes a meal a pleasant memory—everything of the highest quality, well cooked and served in the best possible manner.
Stay at the Highland Hotel once and you will anticipate staying there again. Music every evening.
D. H. SIEVERS,
Highland Hotel, Springfield, Mass.

The Holyoke Valve & Hydrant Co.
Jobbers of Wrought Iron and Brass Pipe, Valves and Fittings for Steam, Water and Gas, Asbestos and Magnesia Boiler and Pipe Coverings. Pipe Cut to Sketch, Mill Supplies. Engineers and Contractors for Steam and Hot Water Heating, Automatic Sprinkler Systems, Boiler and Engine Connections. Holyoke, Mass.

BECKMAN'S
Candies and Ice Cream
"HAMP"

Seniors and Juniors
Now is the time to buy those
FILING CASES
For your Bulletin.

Johnson Book Co.
BABBITT WOODWORTH
Alpha Sigma Phi House.

1916 NOTES

[Continued from page 5]

sell machines, is there anyone who can? The noes have it.

When last heard from "Stan" Prouty and "Ted" Richards were on their way to the Philippines, where they are lieutenants in the Constabulary. Address them in care of the Philippines Constabulary, Baguio, P. I.

"Bone" Caldwell's address is Box 288, Westboro. The author of the class motto is poultry manager for the Westboro State Hospital.

"Chink" Chamberlain ex-'16, is working on the staff of the *Boston Transcript*

"Duke" Curran '16 visited his many friends on the campus one day last week and helped put "pep" in the freshman eleven.

John Cardarelli '16 is on the campus for a short stay.

Arthur Hendry is farming on the estate of Mr. Paul Cunningham, Bolton, Mass.

Tommy Harrocks, chemist, care of Powers-Weightman-Rosengarten, 916 Parrish St., Philadelphia, Pa. His work at present is analysis of a large variety of compounds, ranging from telegraph nitrate to putrate of lead. Tommy recently passed up a good job elsewhere, which only goes to show, etc.

Justin Hemenway, farmer, Williamsburg, Mass.

Harold Aiken, assistant field agent, care of Plymouth County Trust Co., Brockton, Mass. Aik always was good at the banks. (*Squib* please copy.)

"Whistle" Woolley is orchardist for Mr. Elliott D. Curtis, Bantam, Conn. "It takes," Whis writes, "about seven weeks for a postal card to get to the top of this hill."

The following sixteen '16 men hove to at the U. S. hotel after the Tufts game: Potter, Gould, Haskell, Cushing, Schlotterbeck, Chamberlain, Topham, Simmons, Little, Palmer, Gioiosa, Mattoon, Hall, Curran, Walkden.

The secretary respectfully suggests that class notes be saved in the M-book for reference.

Please keep us neck-and-neck with what you are doing. Send news of '16 men (past, present and future) to "Pete" Simmons, 34 Boylston St., Pittsfield.

INTERCOLLEGIATE NOTES

Thomas A. Edison received the degree of doctor of laws from the University of the State of New York over the telephone. Mr. Edison was in his laboratory at Orauge, N. J., while Dr. Finley, who conferred the degree, was in the auditorium of the New York Education building.

Batchelder & Snyder Co.
PACKERS AND POULTRY DRESSERS
WHOLESALE ONLY
Beef, Mutton, Lamb, Veal, Pork, Hams, Bacon, Sausages, Poultry, Game, Butter, Cheese, Eggs, Olive Oils.
Blackstone, North and North Centre Streets,
BOSTON, ... MASS.

F. A. SHEPARD
MEN'S STORE
Shoes Hats Furnishings
Local Agent for
E. V. PRICE CO., LAMM CO., BROWNING, KING & CO., Custom Tailors
OUR DISCOUNT TICKET SAVES YOU 5%

COPLEY SQUARE HOTEL
Huntington Ave., Exeter and Blagden Sts., Boston, Mass.
Headquarters for College Men when in the city.
JOHN HOWARD LACY, PROP.

Carpenter & Morehouse,
PRINTERS,
No. 1, Cook Place, Amherst, Mass.

AGGIE MEN
Get your suits cleaned and pressed
by an Aggie Man
at
The Tailor Shop back of the
Aggie Inn
Open afternoons and evenings after
Next Thursday, Nov. 9.
LARRY GAY, PROP.

A wealthy philanthropist has recently donated to the Bowery Mission of New York the sum of $10,000 which will be the basis for a fund to be used "for the benefit of poor and needy college graduates."

The University of New Mexico is to be honored on the seventh of October by the installation of a chapter of Phi Kappa Phi.

Cornell college, at Mt. Vernou, Ia., is just starting on a $1,000,000 endownment campaign.

EXAMINATION FOR ARMY

The next examination of candidates for provisional appointments as second lieutenants in the line of the Army will be held Jan. 29, 1917. Applicants for authority to undergo this examination should forward applications to Adjutant General of the Army at as early a date as practicable, and these must reach the Adjutant's Office not later than Jan. 15th.

PHI SIGMA KAPPA MEETS

The bienuial convention of Phi Sigma Kappa was held at the Bancroft Hotel in Worcester Thursday, Friday and Saturday of last week. There were about 175 delegates present. Thursday night was devoted to an entertainment by the New England delegates to the convention, Friday and Saturday being given over to the business of the convention. Two new chapters were added to the fraternity, one at Nevada State University and one at the University of Wisconsin. The convention closed with a banquet Saturday night, the principal speaker of the evening being Dr. Hollis, President of Worcester Polytechnic Institute.

SOPHOMORES VS. FRESHMEN

Saturday afternoou at 2-30 the sophomores will face the freshmen in their annual interclass game. The freshmeu will present the team which has just closed such a successful season, while the sophomores will have a husky eleven under the leadership of Captain Poole.

About 20 men have reported for the sophomore team, most of whom played on the team last year. With a little grooming the sophomores expect to give the freshmeu a battle royal from start to finish.

ONE YEAR POULTRY COURSE

A uew departure has been made this year in the form of n one year course in poultry husbandry. This is offered to those desiring thorough training iu poultry work but who are unable to spend more than n year at the college. Ten students are taking the course, two of whom are young women.

They study uothing but poultry until the short course begins. Then they elect studies related to poultry which they pursue until spring comes, when they go back to the poultry work which lasts until the end of June. The course consists of lectures and laboratory work, the latter beiug an important feature. Every student does actual work caring for hens. The spirit of the course is expressed in the official motto which is "Learn to do by doing."

WHO IS COROT?

An interesting art exhibit in the form of 36 famous landscapes by the painter Corot has been hung in Wilder hall for the study of the class in landscape gardening. An exceptional opportunity is offered to get an idea of what constitutes real art, by looking at this fine collection of pictures.

JUST A TIP!

This year it's Sheepskin-lined Coats that have a clear field. Be sure you have yours before the "big" game: you will look "right" in one of these big roomy coats and you won't know what it is to be cold.

We have the largest line of these coats in the state and all we ask is an opportunity to show you the exceptional values that we are able to offer you. Ask the man who owns one.

Hart Schaffner and Marx Suits and Overcoats

SANDERSON & THOMPSON

School and College Photographers . . .
White Studio
LOCALLY: 52 Center St., Northampton, Mass., and South Hadley, Mass
MAIN OFFICE: 1546-1548 Broadway, New York City
These Studios offer the best skilled artists and most complete equipment obtainable

New Times, New Things

The old fertilizer formulas are giving way to the new. At every farmers' meeting one subject should be the fertilizer formula that will furnish a balanced ration to the crop and keep up the fertility of the soil. To do this the fertilizer should contain at least as much

POTASH

as Phosphoric Acid. Our note book has condensed facts essential in farmers' meetings and plenty of space to record the new things that you hear. Let us send one to you before your Institute meets. A supply of these is furnished by request to every Institute held in several states. We will be glad to send a supply delivered free of charge to every Institute, Grange or Farmers' Club Officer on request. It contains no advertising matter.

German Kali Works, Inc., 42 Broadway, New York
Chicago, McCormick Block
Atlanta, Empire Bldg.
New Orleans, Whitney Central Bank Bldg.
San Francisco, 25 California St.

E. FRANK COE FERTILIZERS
The Business Farmer's Standard for Over 55 Years
RELIABLE AGENTS WANTED
Write to Local Agency Manager
THE COE-MORTIMER CO.
51 Chambers St., New York City

ALUMNI NOTES

'15—"Sty" Farrar was on the campus Monday for a flying visit.

Ex-'18.—Hubbard Swift made a short stay on the campus last week.

EXTENSION SERVICE TO GIVE TWELVE WEEK COURSE

The short course announcements for 1916-17 are now being mailed by the Extension Service to its numerous correspondents. Instead of a ten weeks' short course, as usual, a twelve weeks' course will be offered. Another unusual thing is to be noted, in that Farmers' week is to be scheduled for the Easter vacation time, this being due to the extension of the short course. The schedule follows:

WINTER SCHOOLS

Twelve Weeks' Courses, Jan. 1 Mar. 23 (inc.)
Farmers' Week, Mar. 26-30 (inc)
Annual Beekeepers' Convention, Mar. 27-29 (inc.)
Polish Farmers' Day, Mar. 22
School for Beekeepers, Date and place to be announced

SUMMER SCHOOLS

Summer School of Agriculture and Country Life July 2-31 (inc.)
School for Rural Social Service, During July
School for Library Workers, July 19-28 (inc.)
Poultry Convention, July 25-26 (inc.)
Boys' and Girls' Agricultural Camps, During July
Conference on Rural Organization, Date to be announced

INDEX TO BE BEST EVER

Not a man in the class of 1918 can afford to be without a copy of the class *Index*. In a special section devoted entirely to '18's own activities, are shown all the great events in her history, and shown, not by dry reading, but by vivid pictures. Snapshots of those thrilling scenes in the picture scrap and banquet season are to be there, whole pages of them. And then there are two whole pages of snaps, showing the handsomest, the laziest, the worst roughhousers, the most energetic, and all the rest of the shining lights. In addition to all these are two pages with 35 snapshots on each page, where nearly every man in the class is seen, John J. trying to look pleasant, Van in his usual pose. Pipe Ellis sporting, Goo Grayson—the soldier, Steve with his hair just as slick as ever, Bob Holmes in his role as a magnate, Thomas Jefferson with his smile that won't come off. This is the only chance you'll ever have to get such a collection of snapshots of your classmates. But '17, '19 and '20 don't think for a minute that you are left out. You are all there, and think of it freshmen, you're the first frosh to have a picture of the whole class in the *Index* in years and years. If we told you half what is in that book, you wouldn't believe us, but just wait and see!

Adv.

The Massachusetts Agricultural College

Offers courses of instruction in twenty seven teaching departments, which embrace the study of

Agriculture, Horticulture, Science, Humanities and Rural Social Science.

A student may specialize in the following subjects:

Agriculture, Agronomy, Animal Husbandry, Dairying, Poultry Husbandry, Rural Journalism, Floriculture, Forestry, Landscape Gardening, Pomology, Agricultural Chemistry, Agricultural Economics, Economic Entomology, Microbiology, Economic Botany, Agricultural Education, Rural Social Science

For complete catalog and illustrated booklet, write

KENYON L. BUTTERFIELD, PRESIDENT
AMHERST, MASS.

COLLEGIAN DIRECTORY

Associate Alumni,	C. A. Peters, Secretary
Joint Committee on Intercollegiate Athletics,	H. M. Gore, Secretary
M. A. C. Athletic Field Association,	C. S. Hicks, Treasurer
Non-Athletic Association,	H. E. Robbins, Manager
The College Senate,	L. T. Buckman, President
Football Association,	R. L. Holden, Manager
Baseball Association,	R. D. Hawley, Manager
Track Association,	O. S. Flint, Manager
Hockey Association,	M. R. Lawrence, Manager
Basketball Association,	N. Moorhouse, Manager
Rifle Club,	S. F. Tuthill, President
Roister Doisters,	A. F. Williams, Manager
Musical Association,	D. M. Lipshires, Manager
Nineteen Hundred Seventeen Index,	F. W. Mayo, Manager
Nineteen Hundred Eighteen Index,	K. L. Messenger, Manager
M. A. C. Christian Association,	D. O. Merrill, President
M. A. C. Catholic Club,	E. L. King, President
Fraternity Conference,	L. T. Buckman, President
Stockbridge Club,	M. J. McNamara, President

There are Seven Good Reasons why you should buy your
COAL
of
C. R. ELDER

WOODWARD'S LUNCH
27 Main St., Masonic Bldg., Northampton, Mass.
Lunches, Soda, Ice Cream
Closed only from 1 A. M to 4 A. M

The Connecticut Valley Street Railway
From Amherst, via Northampton, through the Hatfields, past the foot of Sugar Loaf Mt., alongside the famous Bloody Brook battle ground to Old Deerfield, thence to Greenfield, Turners Falls and across the "Plains" to Lake Pleasant, Montague and Millers Falls.
50 Miles of Trackage—Modern Equipment—Train Dispatching System—Freight and Express Service over entire line.
Connecticut Valley Street Railway Company

Jacob Reed's Sons are the leading manufacturers of
UNIFORMS
For college and military schools, and have won and maintain their prestige by sheer merit. The uniforms worn at Massachusetts Agricultural College are finished examples of our product.
JACOB REED'S SONS.
Makers of "Gold Medal Uniforms."
1424-1426 Chestnut St., Philadelphia, Pa.

FOUNTAIN PENS
Moore's Swan's
Waterman's
Thirty-six dozen pens to select from
—OUR RULE—
"Satisfaction guaranteed or money refunded."
DEUEL'S DRUG STORE

COLLEGE SHOES
We carry the largest stock in the state outside of Boston.
MODERN REPAIR DEPT.
E. M. BOLLES
THE SHOEMAN

CARS
Leave AGGIE COLLEGE for HOLYOKE at 15 min. past the hour.
CARS
Leave AMHERST for AGGIE COLLEGE at 7 and 37 min. past the hour.
Special Cars at Reasonable Rates
AMHERST & SUNDERLAND ST. RY. CO

THE TERPSY PARLOR
Cleansing Pressing Repairing
Quickest service. Best Work, Lowest Price
All work carefully done. Work called for and delivered. Gents' overcoats, suits, pants and coats. Ladies' fine linen suits a specialty.
Teams will call every day at M. A. C.
WM. FRANKLIN, Prop.
Rear Nash Bl'k, Amherst. Tel No. 340

Amherst CO-OP LAUNDRY
High-Grade College Work

Shirts,	10-15c
Collars,	2 1-2c
Cuffs,	2 1-2c
Plain wash,	48c per doz.
Same, rough dry.	30c per doz.

DRY CLEANING AND PRESSING
Steam Pressing 40c, 3 Suits for $1.00
Dry Cleaning and Pressing, $1.50 a Suit
All bills payable at Co-op. Store and parcels left there will receive prompt attention
GRAYSON '17, Agent
HIGGINBOTHAM '17, Asst. Agent

THE MASSACHUSETTS COLLEGIAN

MASSACHUSETTS AGRICULTURAL COLLEGE

Vol. XXVII. Amherst, Mass., Tuesday, November 14, 1916. No. 7

VARSITY AND WILLIAMS BATTLE TO STANDSTILL

Maroon and White Outplays Opponents. Penalties Prove Costly. Neither Side Scores.

M. A. C. played Williams college Saturday at Williamstown to a one sided tie, if such a thing exists. The fact that the game ended with no score for either eleven is no criterion.

Williams Expected Easy Victory

According to newspaper reports previous to the game Williams expected a contest in which she could warm up her subs. During the game it was noticeable that no substitutes were used except in urgent cases. Outplaying Williams in both halves the Maroon team exhibited sufficient strength to crush opposition in successive plunges down the field, which, but for penalties, would have often threatened the opponent's goal line.

The Game

Williams kicked off and starting a march down the field Aggie gained first down on three plays. Another first down followed when Pond took the ball around right end for an aggravating gain, because it was followed by a 15-yard penalty for holding. After a couple of line attempts Aggie's kick was blocked and Williams recovered on the 10-yard line. The ball changed hands again on a touchback when M. A. C. recovered a forward in back of the goal posts, and the ball came out to the 20-yard line. First down was made and then Aggie punted. The Purple's offense hit a stone wall and they decided to kick. A couple of gains, a 5-yard penalty, a left end run and the Maroon gathered in 10 yards, losing it a moment later by a 10-yard and then followed by a 5-yard penalty, forcing a kick. A gain and an offside punt for Williams gave Aggie the ball on the 25-yard line only to be recovered on downs. At this point the opponents threatened the goal line. They gained two first downs before M. A. C. tightened up and held them for downs on the 5-yard line. For the rest of the half the ball seesawed back and forth across the field, Aggie gaining by end runs and giving way to Williams on penalties.

[Continued on page 8]

VERMONT IS SCHEDULED FOR COMMENCEMENT GAME

Three New Teams Appear on Baseball Schedule. Season to Open April 19.

Manager Hawley has completed the baseball schedule for the coming season. Three new teams have been taken on this year, Wesleyan, Colgate, and Conn. "Aggies". The schedule is unusually large, 17 games in all, beginning earlier and closing later than has been the custom, owing to the late Commencement. For this reason, the traditional commencement game with Amherst could not be arranged, Vermont being scheduled for that date. The commencement game will be played on Monday instead of Saturday, because it is believed that more alumni will be able to attend if it occurs in the midst of the commencement exercises, rather than at the beginning.

The schedule:

April 19—Springfield at Springfield.
21—Trinity at Hartford.
25—Dartmouth at Hanover.
28—Conn. Aggies on Alumni Field.
May 4—Middlebury at Middlebury.
5—Vermont at Burlington.
10—Colgate on Alumni Field.
12—Middlebury on Alumni Field.
15—Wesleyan at Middletown.
19—Springfield on Alumni Field.
26—Williams at Williamstown.
29—Boston College at Boston.
30—Tufts at Medford.
June 2—Worcester Tech. at Worcester.
9—Amherst at Alumni Field.
16—Amherst at Pratt Field.
23—Vermont at Alumni Field. (Commencement)

BASKETBALL CANDIDATES OUT

Manager Moorehouse announces that basketball practice will be held Tuesdays at 9 P. M and Fridays at 8 P. M. The purpose of this practice is to condition the men so they will be able to compete with the football men who will report later.

The following candidates have reported for practice: 1917—Squires, Everbeck; 1918—Gasser, Hawley; 1919—Batchelder, McCarthy, Parkhurst, Sedgwick. Men trying out for assistant manager are Bond, Crowe and Strack, all members of the sophomore class.

PHI KAPPA PHI ELECTS TWO FROM SENIOR CLASS

Prof. Harmount Chosen as New Faculty Member. Spring Elections Make Five Men from 1917.

Lewis Taylor Buckman of Wilkes-Barre, Pa. and Richard Woodworth Smith of Pittsfield are the two members of the senior class recently elected to membership in Phi Kappa Phi, the honorary scholarship fraternity. William L. Harmount, instructor in French, has been chosen a faculty member. Three other men from the class of 1917 were elected to membership last spring, Milford R. Lawrence of Falmouth, Roland W. Rogers of Braintree, and Almon W. Spaulding of Newtonville.

Both new undergraduate members have had time for other things in college beside their studies. Each has at one time been president of the class, and each holds membership in Adelphia and the college senate, Buckman being president of the latter organization.

FORM BOYS' CLUB

About seventy-five boys, between the ages of ten and fifteen attended a meeting at College Hall on Monday night, for the purpose of forming a general organization of boys in Amherst and vicinity.

The speakers of the evening were H. M. Gore and Nathan Gillette of M. A. C.; M. J. Kennedy and George Benneyan of Amherst. The organization will be run jointly by M.A.C. and Amherst men, and if any Aggie men are interested in this work Gillette '18, who is boys' secretary here, will be glad to interview them with respect to the organization work.

NOTICE

The increased cost of paper, labor, and everything connected with the publication of the *Collegian* makes it imperative that all subscriptions be paid promptly in order to meet the financial obligations of the paper. Subscribers will help materially by paying their $2 now, and their back subscriptions if they have any.

MERRILL P. WARNER,
Business Manager.

FLOWER SHOW DRAWS MANY TO FRENCH HALL

Wonderful Exhibit of Chrysanthemums. Prizes in Student and Commercial Classes.

The chrysanthemum was the queen of flowers at the third annual flower show which the department of horticulture staged for the 3500 visitors who flocked to French Hall last Saturday, Sunday and Monday. Saturday at 2 P. M. the doors were opened for entrance into the formal garden scheme with its pergolas, arches, and vine covered trellises. Against this garden background chrysanthemums of all kinds, table decorations, and basket arrangements were set off to splendid advantage. From the standof the true lover of flowers nothing could be better than the twelve magnificent white show chrysanthemums grown by Mr. Whiting, foreman of the M. A. C. greenhouses and exhibited with the silver cup which they won at the recent Northampton show. A great deal of interest was also shown in the student competition.

Of the juniors who competed for prizes in table decoration, Frank A. Woods of Groton was awarded first prize of $5 with a table of Ophelia roses and maidenhair ferus. The second prize of $3 went to Lewis H. Lawrence of Falmouth, with a yellow and white combination of bonvardias and alamander, while third, a subscription to a trade paper, was awarded to Miss Adaline Ferris of Ridgefield Park, N. J., who used yellow single chrysanthemums with asparagus sprengeri. Special mention was given to Roger F. Clapp of Salem, with an arrangement of pink begonias, gardenias and variegated hibiscus, and George J. Duncan of Arlington, with bronze chrysanthemums of the variety "Prexy," which was originated here.

In the basket arrangements of large chrysanthemums exhibited by the senior class, John C. Campbell of Gardner was given first prize of $3, using a yellow color scheme. Harry C. Lydiard of Hartford, Conn., won second prize of $2 with Roman gold chrysanthemums and smilax, while the third award went to Harold A. Pratt of Shrewsbury, who had yellow flowers arranged with oak leaves. Campbell also won first in the class of small chrysanthe-

mums, using bronze flowers in Japanese effect. Milford R. Lawrence of Falmouth took second with yellow singles, and Andrew N. Schwab of Yalesville, Conn., third with mixed single flowers.

The judges were Mr. R. S. Carey of South Hadley and Mr. D. J. Gallivan and Mr. G. H. Sinclair of Holyoke.

In the commercial classes, of which there were a number, R. S. Carey, G. H. Sinclair, D. J. Gallivan, Butler and Ullman, and E. J. Canning received prizes. Special mentions were given to Mr. Richards of Greenfield for his display of carnations, E. D. Smith and Co. of Adrian, Mich. for a collection of show chrysanthemums, and George McIntyre of Easthampton for a collection of pompon chrysanthemums. The commercial classes were judged by E. S. Duffill, J. T. Dizer, W. I. Cross, C. R. Wilber, H. C. Lydiard, and H. S. Saidel of the senior class.

A large vase of chrysanthemums shown through the courtesy of Henry M. Robinson of Boston also attracted attention. These blooms were shipped from San Francisco Oct. 25 and then from Boston to Amherst covering in all about 3500 miles.

One room was devoted to the landscape gardening department and here were shown landscape gardening photographs, student designs and Civic Improvement Extension work.

Music by the college orchestra Sunday afternoon furnished added entertainment for the visitors.

INVESTIGATION COMMITTEE MEETS WITH THE FACULTY

Practical farm work, finances and entrance requirements were discussed in a meeting of the investigation committee with the heads of departments in the college on Friday, in Stockbridge hall.

The amount of credit to be given for practical agricultural work in entrance requirements and in the college curricula was the main problem considered, and department heads were asked what practical work their departments were doing.

Several alumni in the faculty stated that any lowering of the standards of entrance examinations would be deplored by both the alumni and the students of the college.

Suggestions were offered concerning the methods of obtaining a steady income for the institution. The present uncertainty of appropriations is a great disadvantage to the administration of the college. Under the present system, the order in which the needed buildings are to be erected is not within the control of the institution.

There was also a general talk on the difficulty of determining what men are able to do college work, and whether the system of definite entrance examinations is the most feasible.

SOPHOMORES GET 6-3 WIN IN INTERCLASS CONTEST

In a clean hard fought contest, the sophomores defeated the freshmen Saturday, on Alumni field, by a score of 6 to 3. Much had been expected of the freshman team but the heavy sophomore line and their hard hitting backfield were slightly superior to their freshman rivals. The old line plunging type of play was used almost entirely throughout the game, although the freshmen made a few substantial gains by the over head route.

The first score came in the second quarter, when Dewing kicked a pretty field goal from the 25-yard line, after his team had been held for downs.

In the third quarter, after a series of successful rushes by Williams and Poole, the former went over for the first touchdown. Newton failed to kick the goal.

The open field running of Williams, the line plunging of Poole, as well as the defensive work of Sedgwick were the features of the sophomore team, while the kicking of Dewing and the work of Gorwaiz at tackle featured for the freshman.

The line-up:

SOPHOMORES		FRESHMEN
Cooley, le		re, Dewing
Newton, lt		rt, Chalmers
Sexton, lg		rg, McLeod
Bond, c		c, Bunker
Tirrell, rg		lg, Readio
Castle, rt		lt, Gorwaiz
Maurell, re		le, Carleton
Readio, qb		qb, Vigezzi
Poole, lhb		rhb, Gray
Williams, rhb		lhb, Lent
Sedgewick, fb		fb, Cande

Score—Sophomores 6, Freshmen 3. Substitutes — Freshmen: Bacon for Gorwaiz, Quincy for Carleton, Mallon for Cande. Touchdown — Williams. Field goal—Dewing. Referee—Chapman. Umpire—Buttrick. Head linesman — Huntoon. Time — 12 minute quarters.

I. P. A. DELEGATES

It is quite probable that M. A. C, will be represented at a convention of the Intercollegiate Prohibition association, to be held at Lexington, Ky., Dec. 28 to 31, if some definite conclusion regarding expenses is reached. Through the influence of Mark Shaw of Boston, New England field secretary of the I. P. A., it is intended to start an organization, upon the knowledge obtained by the delegates, for the purpose of studying the economics of prohibition.

SEED JUDGING TRYOUTS

The first tryout for the Aggie seed judging team will be held in room 301 Stockbridge hall, Wednesday, Nov. 15 at 3 P. M. This is the first of a series of contests, which will be held during the fall in order to select the team of three men which will represent Aggie at the Inter-Collegiate Seed Judging contest, to be held in Springfield Jan. 8. Competition is open to all New England colleges.

DR. HUGHES SPEAKER AT FIRST SUNDAY CHAPEL

Speaking at the first Sunday Chapel of the year Dr. Richard C. Hughes, Secretary for University work of the Board of Education of the Presbyterian Church, Madison, Wisconsin, took for his text the following passage: "I chose you, and ordained you, that ye should go and bring forth fruit, and that your fruit should remain." To expand the thought in his text he said in part: "A good definition of a successful life is such a life that you would be willing to continue living as you are now living it. Many people have the idea that at the last moment of our life on this earth everything can be changed and the future will be all happiness, but this is not true for we will surely go on living just as we are at the present time."

The business life of every man and woman is a sacred task of God, so we must follow His calling to our specific task, and do our best when we have the opportunity which is denied to so many. In other words, the thing that you can do best is the thing you can best do. Every man's big temptation comes at the point of his power, that is his own peculiar ability, and it is the little differences in each individual life that should make his own task clear to him. The great mass of people have no opportunity to make good, the way college men have, so the most important duty of the College is in social service work for the betterment of the world."

ALUMNUS AT ASSEMBLY

Mr. Henry H. White M. A. C '15, gave an interesting talk to the student body at assembly on his experiences enroute to and in Russia. Mr. White originally started for Turkey last spring as an agricultural missionary but was forced to return because of the war. His trip was one succession of complications from start to finish, beginning with a hold up and search by a British cruiser; through the Scandinavian countries; then three rigid Russian customs and police inspections to an uncertain arrival in Petrograd. While here, the Russian army of the east retreated, resulting in the Armenian massacres. Since these, the people among whom he was going, were now dead or scattered and the college burned, there was nothing left but to return after a short and interesting tour of southern Russia.

CHAPMAN ELECTED MANAGER

John A. Chapman '18 of Salem was elected manager of varsity football for the coming year at Assemby on Wednesday. Chapman has been assistant varsity manager this season. Besides his work for the managership Chapman is a member of the Senate, and is serving on the prom and informal committees. He is a member of the Phi Sigma Kappa fraternity.

Cox Sons & Vining

72 Madison Ave., New York

Caps
Gowns
Hoods
for all Degrees

ROBES FOR JUDICIARY, CLERGY AND CHOIR

RAHAR'S INN

Northampton, Massachusetts
EUROPEAN PLAN

The Best Place to Dine
All Kinds of Sea Food
Special luncheon from 11-30 to 2 p. m.
—A la carte service—
6-30 a. m. to 11-30 p. m.

R. J. RAHAR, Prop.

To the Students of M. A. C.

Announcing that if the boys want to have their shoes tapped with the best quality of leather, drop in and see

J. GINSBURG

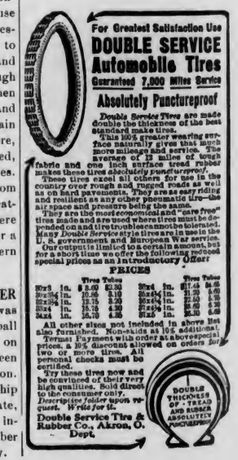
11½ Amity Street

The "Nonotuck"

HOLYOKE'S LEADING HOTEL

Club Breakfasts, 25c to 75c
Business Men's Luncheon, 60c
Sunday Table d'Hote Dinner, $1.25

GORHAM BENEDICT, Mgr.



AGGIE HARRIERS OUTRUN BY FAST WILLIAMS TEAM

Handicapped by Loss of Five Varsity Men. Lyons Places Fourth for M. A. C. Score 17-40.

Weakened by the loss of five strong men, the M. A. C. cross-country team went down to a defeat of 17–40 before a strong Williams squad Saturday at Williamstown. The course was twice around a two and one-half mile circuit, beginning in front of the LaSalle gymnasium and finishing at Weston Field during the Williams-M. A. C. football game. Lyons ran a good race but could not recover the lead gained by Brown and Putnam, the Purple's crack runners. Before the finish Kelton drew up and passed Lyons who held fourth place to the end. The race for first place was close between Brown and Putnam but at the final sprint the former pulled away and finished an easy first.

Order of finish: 1, Brown, W.; 2, Putnam, W.; 3, Kelton, W.; 4, Lyons, M. A. C.; 5, Safford, W.; 6, Leeming, W.; 7, Gordon, M. A. C.; 8, Chapin, M. A. C.; 9, Sweeney, M. A. C. Time, 27 min., 8 4-5 sec. Length, 5 miles.

STOCKBRIDGE CLUB

At a regular meeting of the Stockbridge club held Wednesday evening Nov. 8, Prof. J. C. McNutt, major adviser in animal husbandry who is responsible for the national prominence of the stock judging teams, gave a general talk on his personal experiences and intimate acquaintances with several of the agricultural colleges of the country. His remarks which were exceedingly interesting and instructive, were largely devoted to cattle, dairying and agricultural conditions especially in North Carolina. It was gratifying to gather from the lecture that Massachusetts is among the leaders, gaining a national reputation through individuality and perseverance. At this time several new members were voted in.

DISCUSS FLOWER SHOW

A general discussion concerning the annual flower show and the policy of the coming year was the main topic of a meeting of the Florist's and Gardner's club Thursday evening Nov. 9. In order to increase the practical value of the club, an attempt is to be made to arrange a schedule for the year of speakers on floricultural subjects in all their branches. Plans were matured for the entertainment of the Northampton Florist's and Gardner's association who visited the show Monday afternoon and who have shown the greatest of interest in, and co-operation with this department. A general outline for the winter promises to increase the prominence of this activity.

TO PLAY CORNELL

Varsity Leaves For Ithaca Thursday. New York Team Has Good Record.

Thursday night the varsity leaves for Cornell by way of Springfield where they stay over night. The squad takes an early morning train to Ithaca, arriving there between 9 and 10 A. M. Friday afternoon will be given over to light practice on Cornell Field. The team is in good shape, although Boles and F. Grayson are suffering from minor injuries. Practice in throwing for wards and in punting is the order of the week, with light scrimmage and signal practice. Cornell has had a fairly successful season thus far, defeating Gettysburg 26-0, Williams 42-0, Bucknell 19-0, Carnegie Tech. 15-7, and Michigan 23-20, and being defeated by Harvard 23-0. Cornell has quite an injured list at present and was forced to substitute many times in the last two games. The team looks forward to a close, hard struggle. The probable line-up follows:

M. A. C.		CORNELL.
E. Grayson, (capt.)	le	re, Eckley
Holmes, lt		rt, Dixon
Spaulding, lg		rg, Anderson
Roberts, c		c, Carey
Dunn, rg		lg, Milles
Edwards, rt.		lt, Gillies
Day, re		le, Zander
Whittle, F. Grayson, qb,		qb, Shiverick
Pond, lhb		rhb, Speed
Boles, Moynihan	rhb,	lhb, Benedict
Weeks, fb.		fb, Mueller, (capt.)

TEAM TO SEND SIX MEN TO N. E .INTERCOLLEGIATES

The cross-country team winds up the season's schedule when it lines up for the annual New England Intercollegiate cross-country run at Franklin Park Saturday at eleven o'clock The loss of last year's strong combination has necessitated the building of an entirely new team with Lyons as a nucleus. However, the other colleges have suffered equally for Brown of M. I. T., Bell of Maine, and Tucker of Dartmouth last year's winning men, have been lost. The loss of Carpenter through ineligibility is irreparable but with the team in good condition and a creditable season's work behind them, Manager Flint is confident of at least equalling if not bettering Aggie's fifth place of last year. The team that goes down Friday will be Captain Lyons, Bell, Bainbridge, Gordon, Chapin and Sweeney.

PLANS TO JUDGE IN CHICAGO

The stock judging team will go to Chicago to compete at the International Breeders' show if the intentions of Professor McNutt of the animal husbandry department are carried out. The show takes place the latter part of this month. Beef cattle, horses, sheep and swine are the classes of stock to be judged. The fine record of the team in judging dairy cattle at Springfield may be duplicated in this contest.

ONE OF CAMPION'S COLLEGE STORES

We are sole agents for the Reversible Collar Campion Custom Made Shirts, made especially for college men, from **$1.50** to **$6.00.**

Crofut & Knapp, also Chase of New Haven Hats, from **$3.00** up.

THE ENGLISH AQUASCUTUM COATS

Ready-to-wear Clothes for young men from Atterbury System-Fifth Ave., from **$22.00** up.

Made-to-your-measure Clothes, from **$25.00** up.

Mr. Campion personally superintends to fitting in this department and is an expert in the business.

ONE OF THE BEST CUSTOM TAILORING DEPARTMENTS IN THE STATE

ONYX HOSIERY MARK CROSS GLOVES KNOTHE BELTS

CAMPION'S COLLEGE STORE At Amherst

—Come to us for—

Fireplace Goods, Coat and Trouser Hangers

Ever Ready Flash Lights and Paint

Clothes and Shoe Brushes

Anything in Hardware and Cooking Utensils

Always glad to see you.

THE MUTUAL PLUMBING & HEATING CO.

BURPEE REGISTERED VAB TRADE MARK The Seal of Quality

Burpee's Seeds Grow

FOR forty years we have rendered faithful service. For forty years we have tried to make each year's service more nearly ideal. This untiring effort has built for us not only The World's Largest Mail Order Seed Business, but also a World Wide reputation for Efficiency and undisputed leadership. The Fortieth Anniversary Edition of **Burpee's Annual,** *the* **"Leading American Seed Catalog"** is brighter and better than ever. It is mailed free. A postcard will bring it.

W. ATLEE BURPEE & CO., Seed Growers,
Burpee Buildings Philadelphia

Page's Shoe Store

Largest Stock—Lowest Prices

Expert Repairing—Best leather used

JACKSON & CUTLER

—DEALERS IN—

Dry and Fancy Goods and Choice Family Groceries

THE MASSACHUSETTS COLLEGIAN

Published every Tuesday evening by the Students of the Massachusetts Agricultural College.

BOARD OF EDITORS.

RICHARD W. SMITH '17. Editor-in-Chief
MARSHALL O. LANPHEAR '18. M'ging Editor
MILFORD R. LAWRENCE '17. Assistant Editor
WILLIAM SAVILLE, JR. '17. Alumni Editor

ASSOCIATE EDITORS.

JOHN T. DIZER '17
JOSEPH F. WHITNEY '17
FRANK J. HINKS '18
NATHAN W. GILLETTE '18
EDWARD N. MITCHELL '18
ELIOT M. BUFFUM '19
MYRTON F. EVANS '19

BUSINESS DEPARTMENT.

MERRILL P. WARNER '17. Business Manager
JAMES C. POWELL '18. Assistant Business Manager
BIRGER R. ROSEQUIST '18. Advertising Manager

Subscription $2.00 per year. Single copies, 8 cents. Make all orders payable to **Merrill P. Warner.**

In case of change of address, subscribers will please notify the business manager as soon as possible.

Entered as second-class matter at the Amherst Post Office.

Vol. XXVII. Tuesday, Nov. 14. No. 7

THAT the presence in the student body of an increasingly large number of coeds would result in a gradual toning down of certain wild propensities in the men of the college has been the dream of idealists for years. How far there is still to go before the ideal is reached was well illustrated by the well meaning though inconsiderate outburst of political,and other, enthusiasm at the dorms Wednesday night. When happy-go-lucky fun goes wrong it is time some one called a halt. We feel sure that the coeds would appreciate a reasonable consideration in this regard, and possibly some of the occupants of the dormitories would be grateful for more silence and less noise in the future.

FIRST INFORMAL A SUCCESS

Eighty couples were entertained at the first informal of the season, Saturday, Nov. 11. It came at an auspicious time, after the removal of the quarantine from Mt. Holyoke and Smith colleges, and the drill hall was well filled with dancers. Many of the "informalites" watched the first half of the closely-fought freshman-sophomore game, before beginning the dance. The music, which was furnished by Bosworth's orchestra of Northampton, was exceptionally good.

The chaperones from Smith College were Mrs. Irving Maner and Mrs. George A. Underwood; from Mt. Holyoke College, Miss Wheeler. Mrs. Butterfield and Mrs. Hicks were the M. A. C. chaperones.

MOVIES FRIDAY NIGHT

Another good program of motion pictures has been planned for this Friday night by the Social Union. Ten reels of live Triangle films will be shown.

CAMPUS CALENDAR

[Notices for this column should be dropped in at the COLLEGIAN office or handed to Nathan W. Gillette '18 on or before the Monday preceding each issue.]

WEDNESDAY, NOV. 15

2-10 P. M.—Assembly. Phi Kappa Phi Address. President L. H. Murlin, Boston University.

7-00 P. M.—Mandolin Club Rehearsal, Social Union.

7-00 P. M.—Agricultural Economics Club, Social Union.

THURSDAY NOV. 16

6-45 P. M.—Y. M. C. A. informal talk, Social Union.

7-00 P. M.—Glee club rehearsal, Old Chapel.

7-00 P. M.—Inter-Fraternity Conference. Trophy Room.

FRIDAY, NOV. 17.

6-45 P. M.—Motion Pictures, Stockbridge Hall.

SATURDAY, NOV. 18

11-00 A. M.—Intercollegiate Cross-Country, Franklin Field Dorchester.

2-30 P. M.—Varsity football, M. A. C. vs. Cornell at Ithaca.

2-30 P. M.—Sophomore-Freshman rope pull.

SUNDAY, NOV. 19

9-10 A. M.—Sunday chapel, Rev. C. T. Hawkins, Pastor Central Congregational Church Jamaica Plain.

TUESDAY, NOV. 21.

7-00 P. M.—Glee Club rehearsal, Old Chapel.

ABOUT THE CAMPUS

Two parties of M. A. C. men went to the Williams game by automobile Saturday.

Men desiring work for week-ends should see Mr. Watts, as there is plenty of it to be done.

"Goc"-Plaisted '16, was on campus Wednesday, Nov. 8, and looked over the football squad.

The Senate has put a ban on the custom of riding bicycles on the campus walks. Think of the other fellow, you who travel on wheels.

Four new offices have been evolved out of room G, South college, by the use of wall-board and carpentry. The outside door of the room opens into a corridor from which all the rooms may be reached.

The first appearance of the Bay State Ruralist is expected in the Springfield Sunday *Union* of Nov. 26. This is the feature page of agricultural matter written by the students in journalism in the college.

Besides the use of the white washed football the football team has had the use of six large search lights to practice by this week. This enables the team to work out until a much later hour than with merely a white ball.

Speaking of the tariff, we wonder why a college community cannot respect signs and notices on the bulletin boards without protecting them with a glass cover. Also when your notice gets stale, pull it down. Our bulletins should be alive always.

Billy Sunday's campaign has hit the campus! The singing of one of the Rhodeaver hymns eclipsed all other sounds in South college Monday night. An extension of the revival spirit to North college met a leather welcome.

Mr. W. DuBois, representative of the Thompson Illustrograph Co., of Poughkeepsie, N. Y., was about the campus recently taking panoramic views of the college buildings. Monday after chapel he photographed the entire student body in front of Stockbridge Hall. This firm was in charge of the photography at the Plattsburg Training Camp last summer.

SOPHOMORES WIN

Tennis Championship Clean Sweep for 1919

Owing to an accident, the final double match between N. E. Spaulding and W. F. Smith '19 vs. Newell and Dixon '20 in the interclass match between the sophomores and freshmen was withdrawn. Dixon suffered an injury to his eye by a volleyed ball after the sophomore team had won the first game 6-3. The match was forfeited to 1919, thus giving the title of championship in the interclass tournament to the sophomores.

PRATT CAPTAIN OF TRACK

Harold A. Pratt '17, of Shrewsbury has been elected captain of this year's track team thus filling the vacancy caused through the resignation of Capt. J. Dixon Birchard who has left college. Pratt has been running for three years on the varsity relay team where his work has been most conspicious, entitling him to his track letter. He is a member of the Lambda Chi Alpha fraternity.

UNDERCLASS ROPE PULL

Freshman six-man rope pull will be held Saturday, at 2-30 P. M., on the old athletic field. The managers of the sophomore and freshman teams are R. F. Readio and D. H. Smith, respectively. The sophomore team will probably be selected from Castle, Newton, Tirrell, Sexton, Ross, Kennedy and Poole: while the following men are candidates for the freshmen: Crawford, Delehant, Roberts, McGeorge, Hersom, Hurd, Sullivan, Bridge, Blanchard, Holland, Stiles, and Lambert.

ELECT AGGIE ALUMNI

M. A. C. will have at least two ardent supporters in the next General Court of Massachusetts as the result of last Tuesday's balloting. John B. Hull '91 was re-elected to the Senate from Great Barrington without opposition, and Park W. Allen '11 of Westfield will represent that town in the House.

"BIDE-A-WEE"
Creamed Chicken and Waffles
Our Specialty—And other good things to eat
MRS. L. M. STEBBINS,
Middle Street, Hadley, Mass
Tel. 415 W

UNITY CHURCH
NORTH PLEASANT ST.
A Church home of the liberal Faith, where every student will meet with a cordial welcome.
REGULAR SUNDAY SERVICE AT 7 P. M

FLEMING'S SHOE STORE
Northampton

FLOWERS AND PLANTS
Grown by the Floricultural Dept.
We offer our surplus stock of cut flowers and plants at reasonable rates to students and faculty. This stock is grown in modern houses under ideal conditions. Roses, carnations, violets, chrysanthemums and sweet peas in season.
GROWN ON THE CAMPUS
Telephone 300

BY REQUEST
We have taken the agency for
St. Clair's Chocolates
Boston Providence
Buy them before you leave.
HENRY ADAMS & CO.
The REXALL Store

INDISPUTABLE PROOF OF THE BETTER QUALITY OF DE LAVAL SEPARATED CREAM
The most important of all butter-scoring contests are those that take place at the National Convention of the National Butter-makers' Association, held in recent years in conjunction with the National Dairy Show. The first prize winners at every Convention of the Association since its organization in 1892 have all been De Laval users.
Such evidence of the superior quality of cream produced by the De Laval Cream Separator no cow owner can possibly afford to overlook. Considering the purchase of a cream separator can also afford to overlook.

To produce high grade butter you must have a fine quality of cream, and to get the best cream you must have a De Laval Cream Separator.
THE DE LAVAL SEPARATOR COMPANY
165 BROADWAY NEW YORK
29 E. MADISON ST. CHICAGO

RIFLE TEAM IN NEED OF SEVERAL GOOD SHOOTERS

Captain Canlett urges that all men who have had any experience in shooting should report as soon as possible for tryouts for the rifle team. Up to date the men have been backward in reporting. The team lost several good shots by graduation last June and that leaves quite a hole to be filled. Aggie has always stood among the leaders and has won four outdoor and three indoor intercollegiate rifle championship.

Rules governing the sophomore-freshman indoor rifle match are as follows:

1. There shall be one annual official freshman-sophomore indoor rifle contest, to be shot before the commencement of the Thanksgiving holiday.

2. The match shall be shot in one day, which day shall be fixed by captain of the varsity team and the freshman and sophomore manager after consultation with the coach of the rifle team.

3. One team will shoot in the morning and one in the afternoon; there will be no mixing of teams in the gallery during the shooting.

4. Each class shall enter one team, to consist of ten men; the scores of the highest five from each team will be counted as the official scores.

5. Each man will shoot one string of ten shots, prone, on a regulation, one-half inch bull's eye target; two shots to the bull's eye will be the maximum limit.

6. The regulation Springfield sub-calibre rifles will be used; each rifle will be sighted up to the satisfaction of the contestant to use it.

7. No man shall shoot in this match who has shot in any official intercollegiate match, or who is not a regular member of the freshman or sophomore class.

8. The five highest men on the winning team, provided they make a 55% score or over, and the manager of the winning team, are eligible for their class numerals.

9. The coach of the rifle team and the captain of the varsity team shall be the final judges on targets.

FLORISTS MEET

Tuesday evening the Florists and Gardener's club of the college joined in a meeting with the club of Holyoke and Northampton florists and gardners to discuss various features of the two flower shows recently held in Northampton and Amherst. The judges explained in detail their reasons for awarding prizes as they did and brought out many technical points of interest to the students. During the meeting Professor Nehrling head of the floriculture department was presented with a beautiful wedding present, a cut glass dish, by the members of the Holyoke and Northampton Florists and Gardeners Club.

SPEAKERS FOR THE WEEK

Sunday Chapel.

The speaker in next Sunday chapel will be the Reverend C. J. Hawkins, pastor of the Central Congregational church, Jamaica Plain. He was born in Vacaville, California, Sept. 3, 1876 and lived in California until he received his A. B. from the University of the Pacific in 1896. He also received his A. M. from there in 1901 and his D. D. in 1908. In 1898 he was ordained to the Congregational ministry and began his career of minister as associate pastor in the Humphrey street church, New Haven, Connecticut, in the same year. He is the author of many books among which are: "The Mind of Whittier", and "Will the Home Survive?"

Wednesday Assembly.

Dr Samuel J. Elder, Boston, of the League to Enforce Peace, will address the assembly on Wednesday, Nov. 22 Dr. Elder, a prominent Boston lawyer, was one of the counsels for the United States in arbitration with Great Britain about the fisheries claims. He has been foremost in peace activities. Without doubt his message to Aggie men will be one that will interest all.

Y. M. C. A. HOLDS DISCUSSION

The Y. M. C. A. held the second of its discussional talks Thursday evening, Nov. 9, 1916, about the fire place of the Social Union. The subject, "Has Christianity failed, in the light of the present world situation?" evoked many interesting discussions and brought up many phases of the question. In conjunction with this, the idea was advanced that the average church of today should not be taken as a standard by which to judge whether or not Christianity has failed. At some future meeting opportunity will be given for the expression of ideas as to whether the church and its adherents are living up to the principles set forth by Christ. The next of these series of informal talks will be held Thursday evening at 6-45 in the Social Union. The topic, which is of particular interest to college men, will be: "Are church goers hypocrites?"

EARLY TRACK PRACTICE

Through the shortening of Christmas holidays by a week, indoor track work will start earlier this year than ever before. In past years actual activity has not started until after New Year's, and consequently the relay team has been greatly handicapped at the first meet by a lack of definite practice. But now, with a week longer in which to become started, a more uniform combination is bound to result, greatly brightening the prospects of a successful schedule.

The M. A. C. club of New York dinner Nov. 11 will be reported in the COLLEGIAN next week.

1916 NOTES

Lieut. E. S. Richards has been assigned to the First Cagayan company at Tugnegaran, Northern Luzon, Ptiilipine Islands. "Ted" earned this assignment through his ability to talk Spanish and will feel quite at home there as the valley of the Cagayan river is a big tobacco section.

Francis Andrews writes from San Acacio, Colo., as per thus: "1916 has a reunion here about three times a week. Those present are 'Nubs' Blanpied and myself. I came out here the middle of September, and sure do like it. 'Nubs' is working at the Cordillera ranch, while I am a mile south of him on another ranch." Andy says that San Acacio is a town of 150 to 200 souls, so that letters addressed to that town will reach him and Nubs o. k.

Kek Laird and Clint Goodwin, our agile dancers, have found lodging at 719 Asylum Ave., Hartford, Conn. Kek is teaching botany in the Hartford high school and Clint is working at 36 Pearl St. with T. H. Desmond, landscape architect.

Raymond A. Cushing is representing C. D. Parker & Co., Inc., bankers, 78 Devonshire St., Boston.

Cupid Mahan is growing fruit on Rice farm, Brattleboro, Vt., when he wrote to Stan Hall recently he had "three 'wimmin'" helping him in the orchard. "Lots of fun watching them climb trees," Mr. Mahan says.

"Red," "Cueball" and Homer Darling are at 1011 Fidelity Bldg., Baltimore, Md., care of the Bowker Insecticide company. "Red" is selling "Pyrox" and his territory includes all but two counties in Maryland plus two counties in Delaware.

Duke Curran and Eddie King are joint managers of Oak Tree farm, Walpole.

Revised returns from Justin Hemenway, Boston: "I have successfully passed the examinations and been accepted for enlistment in the United States Marine Corps and am leaving for Port Royal, South Carolina, where I expect to be stationed for the next three months. Address me at Marine Barricks, Port Royal, S.C.—"Hem."

Miss Esther Chase is teaching French and three classes in mathematics at the high school in Gorham, N. H. Address Box 276.

"Si" Little spent the week end on the campus.

DR. RUPRECHT RESIGNS

Dr. R. W. Ruprecht, for several years connected with the Experiment Station as research chemist, has accepted an attractive position with the F. W. Tunnell Company of Philadelphia, manufacturers of fertilizers and glue. Dr. Ruprecht will install and operate a chemical laboratory and have general over sight of the manufacturing plant. He will probably sever his connection with the Experiment Station Dec. 1.

THE
United States Hotel
Beach, Lincoln and Kingston Sts.
BOSTON, MASS.
Only two blocks from South Terminal Station, and easily reached from North Station by Elevated Railway, and convenient alike to the great retail shops and business centre, also to the theatres and places of interest.
European Plan $1.00 per Day and Upwards
Table and service unsurpassed. Booklet and map sent upon application.
TILLY HAYNES, Proprietor JAMES C. HICKEY, Manager

WEBSTER'S STUDIO
Everything in Photography
GROUPS A SPECIALTY
Good work speaks for itself.
NASH BLOCK, AMHERST, MASS.

AMHERST BOOK STORE
Note Books Fountain Pens
Agents for Rex Typewriter
F. M. CURRAN C.F. DYER

MARSH'S SANITARY
Students' Furniture
RUGS AND CARPETS
—E. D. MARSH ESTATE—
ESTABLISHED 1862
STEPHEN LANE FOLGER, Inc.
MANUFACTURING JEWELERS
180 BROADWAY, NEW YORK
CLUB AND COLLEGE PINS AND RINGS
GOLD, SILVER AND BRONZE MEDALS

—JOIN THE BUNCH AT—
EPSTEIN'S TAILORING PARLORS
Now located over post office. Up one flight
Pressing and Cleaning a Specialty
Liberal Ticket System Tel. 36-M

College Stationery
With Class Numerals.
Magazines, Newspapers and Fountain Pens
A. J. HASTINGS
Newsdealer and Stationer

Gallup at Holyoke
293-297 High St.
—SELLS—
Hart Schaffner & Marx Clothes
Come down to Holyoke and see our big store.

S. S. HYDE
JEWELER & OPTICIAN
13 Pleasant St.
Oculists' Prescriptions Filled. Broken Lenses Accurately Replaced. Fine Watch Repairing Promptly and Skilfully Done.
Satisfaction Guaranteed

E. B. DICKINSON, D.D.S.
DENTAL ROOMS
Williams Block, Amherst, Mass.
Office Hours 9 to 12 a. m., 1-30 to 5 p. m.

The Highland Hotel
Corner of Hillman and Barnes Streets, three blocks from the Union Depot, is a modern hotelry run on the European Plan. It is just a step from Main Street, away from the noise and dust and yet in the center of the business district.
Its rooms are well furnished and comfortable, having a telephone and hot and cold running water in every room. Prices $1 and up; rooms with bath (single) $1.50 and up.
Its excellent cuisine and well ventilated dining room makes a meal a pleasant memory—everything of the highest quality, well cooked and served in the best possible manner.
Stay at the Highland Hotel once and you will anticipate staying there again. Music every evening.
D. H. SIEVERS,
Highland Hotel, Springfield, Mass.

WHITE'S MUSIC STORE
HENRY K. WHITE
241 MAIN STREET, NORTHAMPTON
Mandolins, Genuine Hawaiian Ukuleles, Picks, Strings, etc., and music for all instruments and all voices. Instruments may be had on trial.

The Holyoke Valve & Hydrant Co.
Jobbers of Wrought Iron and Brass Pipe, Valves and Fittings for Steam, Water and Gas. Asbestos and Magnesia Boiler and Pipe Coverings, Pipe Cut to Sketch, Mill Supplies. Engineers and Contractors for Steam and Hot Water Heating, Automatic Sprinkler Systems, Boiler and Engine Connections. Holyoke, Mass.

BECKMAN'S
Candies and Ice Cream
"HAMP"

Seniors and Juniors
Now is the time to buy those
FILING CASES
For your Bulletin.

Johnson Book Co.
BABBITT WOODWORTH
Alpha Sigma Phi House.

PRESIDENT BUTTERFIELD IN WASHINGTON, D. C.

President Butterfield is now in Washington, D.C., attending the annual meeting of the Association of Agricultural Colleges and Experiment Stations. On his way to the capital he gave the principal address at the banquet of the Masssachusetts Agricultural College Club of New York, of which Daniel Willard '82, president of the Baltimore & Ohio railroad, is president. On Thursday he will speak at the banquet of the Washington alumni held at the Hotel Ebbitt in that city.

SOMERVILLE MEN ORGANIZE

At a meeting of the Somerville Club, held in Flint laboratory last Wednesday night, the following officers were elected: President, William W. Thayer; secretary-treasurer, Myrton F. Evans. The club decided to "push" the Aggie Musical Club concert which is to be held at Somerville High Dec. 28. They are intending to arrange for patronesses and to see that the concert is well advertised.

TO INTRODUCE "TOUCHDOWN"

"Touchdown," the new college football song will be introduced to the student body Friday evening at the movies in Stockbridge Hall by the glee club. Copies will probably go on sale at this time.

CAMPUS IMPROVEMENTS

The past week has seen great activity by the grounds department in putting on the finishing touches of campus scenery. The east slope of the ravine between the chemistry building and Flint laboratory has been set out with shrubbery and covered for the winter, while the remainder of the planting will be continued in the spring. The space left by the removal of the fountain in front of the physics building has been leveled and sodded. Two parking spaces for automobiles on East campus have been finished, one in front of Wilder hall and the other opposite the entomology building.

CATHOLIC CLUB ELECTS

Thursday evening the M. A. C. Catholic Club held its initial meeting of the year in Stockbridge Hall. Officers and an executive committee were elected as follows: President, James H. Day '17 of Hatfield; vice-president, Arthur V. Petit '18 of Amherst; secretary, Arthur M. McCarthy '19 of Mouson; treasurer, Leo C. Higgins '18 of Amesbury; sergeant-at-arms, Harold L. Sullivan '18 of Lawrence. Executive committee: James J. Warren '17 of North Brookfield, William A. Foley '18 of Palmer, and John E. Callanan '19 of Dorchester.

'15—Dan Lewis is managing a farm at Buzzards Bay.

Batchelder & Snyder Co.
PACKERS AND POULTRY DRESSERS
WHOLESALE ONLY
Beef, Mutton, Lamb, Veal, Pork, Hams, Bacon, Sausages, Poultry, Game, Butter, Cheese, Eggs, Olive Oils.
Blackstone, North and North Centre Streets,
BOSTON, MASS.

F. A. SHEPARD
MEN'S STORE
Shoes Hats Furnishings
Local Agent for E. V. PRICE CO., LAMM CO., BROWNING, KING & CO., Custom Tailors
OUR DISCOUNT TICKET SAVES YOU 5%

COPLEY SQUARE HOTEL
Huntington Ave., Exeter and Blagden Sts., Boston, Mass.
Headquarters for College Men when in the city.
JOHN HOWARD LACY, PROP.

Carpenter & Morehouse,
PRINTERS,
No. 1, Cook Place, Amherst, Mass.

AGGIE MEN
Get your suits cleaned and pressed
by an Aggie Man
at
The Tailor Shop back of the
Aggie Inn
Open for business afternoons and evenings.
LARRY GAY, PROP.

DEPARTMENT NOTES

A new device for charging storage batteries has been added to the equipment of the physics department recently. It is the Wagner Rectifier made by the Wagner Electrical Company, St. Louis, and is a cheap device for charging storage cells from commercial alternating current circuits without the use of the more expensive mercury arc rectifier, or direct current dynamo or converter, which is an economical investment only in power plants and garages. In operation, a transformer reduces the line voltage to a suitable value. The low pressure side of the transformer is connected to two vibrating mechauisms so designed that the armatures vibrate in synchronism with the changes in flow of the alternating current; that is at the rate of 120 alternations per second. By means of these vibrators there is admitted to the storage battery circuit the corresponding halves of each alternating current wave, so the current flows through the batteries being charged always in the same direction. The advantages claimed for new device are four: initial low expense, minimum upkeep, simplicity in operation, and portability. It is proving indispensible to the uses of storage batteries either for ignition purposes, or for small lighting plants.

1913 NOTES

Winford F. Adams announces his engagement to Miss Elizabeth Kimball of Mason, N. H. That-a-boy "Nubbie", address East Leverett, occupation, "prosperous farmer."

1915 NOTES

Gardner Brooks is ill with an attack of appendicitis.

Dolly Dole leaves bachelor life Nov. 18.

John Bennett is Assistant Computer in the Fore River ship yards.

Ralph McLain has just returned with the militia from Texas, and expects appointment soon in the regular army.

Ray Upton is connected with a commission house at Faneuil Hall.

Ned Parker is a life insurance agent in Dorchester.

Harry White addressed the student body at Assembly Nov. 8, his subject being his experiences in Russia and Turkey.

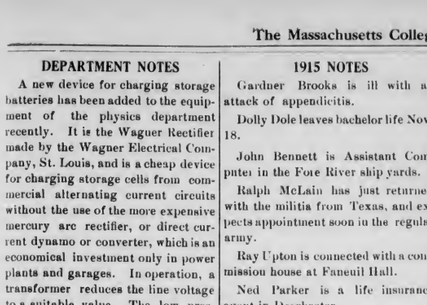
Phil Whitmore is unusually busy in the tobacco business and reports a successful season in the production of this narcotic stimulus.

Fred Hyde is convalescing after a long attack of typhoid fever. His present address is Benedictine Sanatorium, Kingston, N. Y.

Stuart Vinal, Bill Doran, Gibby Perry and Ralph McNeal are for the second year members of the scrub faculty at Aggie.

ALUMNI NOTES

'72.—*The Boston Medical and Surgical Journal*, Nov. 9, publishes a highly appreciative article on the life work of the late Dr. John Clarence Cutter and in an editorial notes the success of the Cutter lectures on preventative medicine as founded under the terms of his will.


New Times, New Things
The old fertilizer formulas are giving way to the new. At every farmers' meeting one subject should be the fertilizer formula that will furnish a balanced ration to the crop and keep up the fertility of the soil. To do this the fertilizer should contain at least as much
POTASH
as Phosphoric Acid. Our note book has condensed facts essential in farmers' meetings and plenty of space to record the new things that you hear. Let us send one to you before your Institute meets. A supply of these is furnished by request to every Institute held in several states. We will be glad to send a supply delivered free of charge to every Institute, Grange or Farmers' Club Officer on request. It contains no advertising matter.
German Kali Works, Inc., 42 Broadway, New York
Chicago, McCormick Block
Atlanta, Empire Bldg.
New Orleans, Whitney Central Bank Bldg.
San Francisco, 25 California St.

JUST A TIP!
This year it's Sheepskin-lined Coats that have a clear field. Be sure you have yours before the "big" game; you will look "right" in one of these big roomy coats and you won't know what it is to be cold.
We have the largest line of these coats in the state and all we ask is an opportunity to show you the exceptional values that we are able to offer you. Ask the man who owns one.
Hart Schaffner and Marx Suits and Overcoats
SANDERSON & THOMPSON

School and College Photographers . . .
White Studio
LOCALLY: 52 Center St., Northampton, Mass., and South Hadley, Mass
MAIN OFFICE: 1546-1548 Broadway, New York City
These Studios offer the best skilled artists and most complete equipment obtainable

E. FRANK COE FERTILIZERS
The Business Farmer's Standard for Over 55 Years
RELIABLE AGENTS WANTED
Write to Local Agency Manager
THE COE-MORTIMER CO.
51 Chambers St., New York City

NEW BOOK BY PROF. WAUGH

Aggie men, faculty and alumni, are always busy and accomplishing something as is shown by the publication of a new book by Professor Waugh, head of the division of horticulture. This book is entitled "The Agricultural College—A study in Organization and Management and especially in Problems of Teaching," and is put out by Orange Judd Company of New York. It discusses purposes and ideals, organization, physical and financial problems, specialization in agriculture, course of study, methods of teaching, extension teaching, etc. It is dedicated to George Thompson Fairchild, former president of the Kansas Agricultural College.

DORAN GOES TO N. H. STATE

William Doran '15 who has been taking graduate work in botany since his graduation will leave shortly for New Hampshire where he will act as an assistant instructor in botany in the state college and assistant at the experiment station.

WILLIAMS GAME

[Continued from page 1]

Shortly after the second half the Maroon team started a spectacular march down the field. A line plunge and a skin tackle play gained first down, a 10-yard gain through guard reaped another, two more plays and a third was gathered in. The advance was drawn up sharp by the descent of a 15-yard penalty. The team was taken aback, literally and figuratively, and following a loss was forced to kick.

The rest of the game was loosely played, with the ball in M. A. C.'s possession most of the time. There were numerous fumbles, in one especially the ball lived up to the title "elusive pigskin" when about six men tried to recover and missed. The seventh was an Aggie.

The Bay State team gained a total of nine first downs to the Purple's five. Penalties cut 12 first downs to the final nine. Pond starred for M. A. C., while Clifford and O'Brien shone for Williams.

The line-up:

M. A. C.	WILLIAMS
Grayson, le	le, Brown
Holmes, lt	lt, Clifford
Spaulding, lg	lg, Brewer
Roberts, c	c, Welch
Higgenbotham, rg	rg, Wright
Edwards, rt	rt, Sawyer
Day, re	re, Blodgett
Whittle, c	c, Gifford
Moynihan, rh	rh, O'Brien
Pond, lh	lh, McLean
Weeks, fb	fb, Lewis

Score—M. A. C. 0, Williams 0. Time of periods—10 minutes. Referee—Bankart of Dartmouth. Umpire—Luehrig of Princeton. Head linesman—Green of Harvard. Substitutes—M. A. C.: F. Grayson for Whittle, Boles for Moynihan, Goodwin for Higginbotham, McGinnis for Holmes; Williams: Kleser for Sawyer, Halstead for Clifford.

The Massachusetts Agricultural College

Offers courses of instruction in twenty seven teaching departments, which embrace the study of

Agriculture, Horticulture, Science, Humanities and Rural Social Science.

A student may specialize in the following subjects:

Agriculture, Agronomy, Animal Husbandry, Dairying, Poultry Husbandry, Rural Journalism, Floriculture, Forestry, Landscape Gardening, Pomology, Agricultural Chemistry, Agricultural Economics, Economic Entomology, Microbiology, Economic Botany, Agricultural Education, Rural Social Science

For complete catalog and illustrated booklet, write

KENYON L. BUTTERFIELD, PRESIDENT
AMHERST, MASS.

COLLEGIAN DIRECTORY

Associate Alumni,	C. A. Peters, Secretary
Joint Committee on Intercollegiate Athletics,	H. M. Gore, Secretary
M. A. C. Athletic Field Association,	C. S. Hicks, Treasurer
Non-Athletic Association,	H. E. Robbins, Manager
The College Senate,	L. T. Buckman, President
Football Association,	R. L. Holden, Manager
Baseball Association,	R. D. Hawley, Manager
Track Association,	O. S. Flint, Manager
Hockey Association,	M. R. Lawrence, Manager
Basketball Association,	N. Moorhouse, Manager
Rifle Club,	S. F. Tuthill, President
Roister Doisters,	A. F. Williams, Manager
Musical Association,	D. M. Lipshires, Manager
Nineteen Hundred Seventeen Index,	F. W. Mayo, Manager
Nineteen Hundred Eighteen Index,	K. L. Messenger, Manager
M. A. C. Christian Association,	D. O. Merrill, President
M. A. C. Catholic Club,	J. H. Day, President
Fraternity Conference,	L. T. Buckman, President
Stockbridge Club,	M. J. McNamara, President
Interclass Athletic Committee,	O. G. Pratt, Secretary

There are Seven Good Reasons why you should buy your

COAL

of

C. R. ELDER

WOODWARD'S LUNCH

27 Main St., Masonic Bldg., Northampton, Mass.

Lunches, Soda, Ice Cream

Closed only from 1 A. M. to 4 A. M.

The Connecticut Valley Street Railway

From Amherst, via Northampton, through the Hatfields, past the foot of Sugar Loaf Mt., alongside the famous Bloody Brook battle ground to Old Deerfield, thence to Greenfield, Turners Falls and across the "Plains" to Lake Pleasant, Montague and Millers Falls.

50 Miles of Trackage—Modern Equipment—Train Dispatching System—Freight and Express Service over entire line.

Connecticut Valley Street Railway Company

Jacob Reed's Sons are the leading manufacturers of

UNIFORMS

For college and military schools, and have won and maintain their prestige by sheer merit. The uniforms worn at Massachusetts Agricultural College are finished examples of our product.

JACOB REED'S SONS.

Makers of "Gold Medal Uniforms."

1424-1426 Chestnut St., Philadelphia, Pa.

FOUNTAIN PENS

Moore's Swan's

Waterman's

Thirty-six dozen pens to select from.

—OUR RULE—

"Satisfaction guaranteed or money refunded."

DEUEL'S DRUG STORE

COLLEGE SHOES

We carry the largest stock in the state outside of Boston.

MODERN REPAIR DEPT.

E. M. BOLLES

THE SHOEMAN

CARS

Leave AGGIE COLLEGE for HOLYOKE at 15 min. past the hour.

CARS

Leave AMHERST for AGGIE COLLEGE at 7 and 37 min. past the hour.

Special Cars at Reasonable Rates

AMHERST & SUNDERLAND ST. RY. CO

THE TERRY PARLOR

Cleaning Pressing Repairing

Quickest service, Best Work, Lowest Price

All work carefully done. Work called for and delivered. Gents' overcoats, suits, pants and coats. Ladies' fine linen suits a specialty. Teams will call every day at M. A. C.

WM. FRANKLIN, Prop

Rear Nash Bl'k, Amherst. Tel. No 50-4

Amherst CO-OP LAUNDRY

High-Grade College Work

Shirts,	10-15c
Collars,	2 1-2c
Cuffs,	2 1-2c
Plain wash,	48c per doz
Same, rough dry,	30c per doz

DRY CLEANING AND PRESSING

Steam Pressing 40c, 3 Suits for $1.00

Dry Cleaning and Pressing, $1.50 a Suit

All bills payable at Coop. store and parcels left there will receive prompt attention.

GRAYSON '17, Agent
HIGGINBOTHAM '17, Asst. Agent

THE MASSACHUSETTS COLLEGIAN

MASSACHUSETTS AGRICULTURAL COLLEGE

Vol. XXVII. Amherst, Mass., Tuesday, November 21, 1916. No. 8

HEAVY CORNELL TEAM GETS DECISION 37 TO 0

Both Sides Handicapped by Muddy Condition of Field. Grayson Stars for Aggie.

Playing in mud that prevented efficient work on the part of both teams, Aggie went down to defeat last Saturday before the heavy Cornell eleven, 37 to 0. The field was heavy, and a few minutes after the game started men on both teams were plastered with mud. Cornell made 25 points in the first half with the lineup composed of regulars, and added 12 more points in the second half playing subs. The Maroon team played a fighting game but was unable to score because of the condition of the field and the fact that the opposing team averaged many pounds heavier. Captain Grayson was the star for Aggie, being able to get through the line and tackle from the rear on several occasions. Several times when M. A. C.'s goal was threatened the line held like a wall, and it was only on account of Cornell's speedy quarterback that they were able to score.

Speed, Cornell's quarterback, made most of the gains, getting four out of the six touchdowns and kicking the [illegible] goal. Captain Mueller opened scoring in the first period when grabbed a wide forward pass and de ten yards for a touchdown. eed kicked the goal. Straight line nging by Hoffman, Van Horn, d Mueller, with Speed's end running, gave Cornell three more touchdowns in the first half which ended with the ball in the center of the field.

Brown in Carey's place at center, blocked a punt from Weeks on the 30-yard line and Cornell gained the ball and a subsequent touchdown in the third quarter. In the last period Speed made another touchdown around end from inside the 15-yard line. Loose handling of the ball kept Cornell from scoring more in the second half. Most of the gains were made through the line or off tackle.

It was impossible to handle the wet ball cleanly, both teams fumbled often, though none of Cornell's mistakes proved costly. Each team suffered an injury. For Cornell, Tilley was taken from the field with a sprained ankle that will probably keep him from playing for the rest of the year. Edwards dislocated a collar

[Continued on page 7.]

Comparative Data on Saturday's Lineup

MASSACHUSETTS.	Weight. lbs.	Height. ft.	Height. in.
E. Grayson, le	170	5	11
Holmes, lt	175	6	1
Spaulding, lg	175	6	
Roberts, c	184	5	10
Blanchard, rg	182	6	
Higginbotham, rg	174	5	8
Maginnis, rt	170	5	9
Hagelstein, rt	184	6	3
Day, re	170	5	8
Whittle, qb	158	5	7
F. Grayson, qb	155	5	10
Pond, lhb	182	5	10
Boles, rhb	158	5	8
Moynihan, rhb	160	5	10
Weeks, fb	170	5	11
Average,	171	5	10

SPRINGFIELD.	Weight. lbs.	Height. ft.	Height. in.
Gayle, re	191	6	1
Greim, rt	175	6	1
Stafford, rg	159	5	9
Harvey, c	160	5	8
Webber, lg	176	5	9
Damkruger, rt	174	6	2
Whetstone, le	185	6	2
Sermon, qb	155	5	9
Dresser, lhb	168	5	8
Drew, rhb	177	5	10
Thorne, fb	172	5	9
Average,	173	5	9

Ave. weight M.A.C. line, 176
" " " backfield, 163
" " Y.M.C.A. line, 174
" " " backfield, 168

'THE ARRIVAL OF KITTY" TO BE STAGED FOR PROM SHOW

A Comedy in Three Acts. Has Had Successful Run in New York. Cast of Nine.

"The Arrival of Kitty," a three act farce which has had a successful run of two years in New York, has been selected for the Junior Prom show by manager Williams of the Roister Doister Dramatic Association. The play is a rollicking comedy, full of fun, with perplexing and amusing circumstances. It requires a cast of nine characters, five of which are male and four female.

The plot is laid at a summer hotel in a secluded part of the Catskill mountains. In the absence of the hotel proprietor, the bell-boy, a college student, assumes the responsibilities of manager. A rich New York business man arrives at this lovely hotel with his sister and very attractive niece. He brings his ward here to escape the attention of her lover, a recent college graduate, and to force her to marry an old friend of her father's whom she must wed before 6 o'clock of that day in order to inherit her father's large fortune. By a will, the uncle is to receive $10,000 if he succeeds in bringing about the marriage. Shortly after the girl's arrival her lover appears, learns of the situation and is wrongly accused of associating with a chorus girl by the uncle, who is the real offender. Forthwith, he disguises himself as the chorus girl and is made love to by the uncle and later, by the

(Continued on page 5)

WILLIAMS HARRIERS WIN N. E. INTERCOLLEGIATES

H. H. Brown Finishes First in Fast Time of 28m. 32.4s. Aggie Team Places Last.

Running through snow and mud, the Williams college cross-country team won the New England intercollegiate cross-country run at Franklin Park Saturday, defeating Maine, the favorite, by a score of 53 to 56. Dartmouth secured third place with 58 points, followed by M. I. T. with 103 and Worcester Tech with 126. Bates and Brown tied for sixth place at 148 points and M. A. C. finished last with 193 points. Bowdoin and Colby, although they entered teams, did not compete.

The individual star was H. H. Brown of Williams, who finished 150 yards in front of the second man in the fine time of 28 min. 32 2-5 sec. Thompson of Dartmouth took second place and after a lively tussle, Preti of Maine nosed out Francis of Worcester for third place.

[Continued on page 7]

COACH MELICAN RETURNS

Head coach G. D. Melican '15 has fully recovered from the operation for appendicitis, which he underwent at St. Vincent's Hospital, Worcester, two weeks ago. He returned to the college Monday. Although not able to take part in any of the active work, his services from the side lines will be greatly appreciated in whipping the team into shape for the Springfield game Saturday.

VARSITY READY TO MEET SPRINGFIELD SATURDAY

Team in Fine Condition. Y. M. C. A. College Has Good Record. Results of Former Games.

"On to Springfield" is the Aggie slogan for the coming week. On Saturday the Maroon and White line up against her old rivals, the Springfield Y. M. C. A. College, on Pratt field, with strong hopes of repeating the results of last year's 14-13 victory.

The team that meets the Y. M. C. A. boys Saturday has been fighting a stubborn battle against odds this fall, but the manner in which the men fought during the second half of the Cornell game is proof positive that the squad is just beginning to "find" itself. Only two scores were made during the half and they were on flukes; one on a fumble, the other on a blocked kick. The team is in the pink of condition, with the exception of Edwards, who dislocated

Captain Sermon of Springfield.

his collar bone in last Saturday's contest. But even he may be able to play during part of the game. Boles, who has been laid up with an injured knee, will probably start the

game at right half. With the "Old Aggie fighting spirit" prevailing among the team and the unanimous support of the student body coupled with it, the squad looks good for a win.

In regard to comparative scores Springfield has the better of the argument, having defeated Worcester Tech 20-0 and Tufts 13-6; while our record with these teams is 7-0 and 0-28. Springfield has also won from Trinity, 25-0; Middlebury 32-0; and Amherst, 20-0. She was forced to bow before Colgate 27-14, and last week was handed out a 17-2 defeat at the hands of the Army.

In comparison of weights Aggie has the advantage of a heavier back-

Weeks

Capt. Grayson

Day

TRIO OF VETERANS

field and a line that is but a few pounds lighter. The big problem of the team will be to stop the fleet footed Sermon in his spectacular end running and to break up the long forward passes often pulled off under the mask of this formation, for most of Springfield's games have been won by the aerial route, Tufts, one of the strongest teams of the college world, going down to defeat before it.

Results of Aggie-Springfield games since 1890:

	M. A. C.	SPRINGFIELD
1890	18	12
1890	10	14
1891	0	30
1892	16	18
1893	6	18
1894	No game	
1895	No game	
1896	No game	
1897	No game	
1898	No game	
1899	17	0
1900	No game	
1901	10	0
1902	No game	
1903	12	0
1904	11	0
1905	15	0
1906	21	4
1907	5	0
1908	5	5
1909	6	18
1910	3	15
1911	3	12
1912	0	41
1913	0	14
1914	3	17
1915	14	13

M. A. C. won 9, lost 10, tied 1.

MASS MEETING THURSDAY

Lots of "Pep" Talk. Takes Alumni To Instill Enthusiasm. Everybody Out.

For real "pep" and life the mass meeting for Thursday evening in the Old Chapel promises well to outdo any previous Aggie attempt. As this is the only one before the Springfield game, and incidentally the last of the football season, the enthusiasm which is ordinarily spread out over a week will be crowded into one night. Many of the alumni will be there to instill some spirit into the student body. Mr. Damon of the economics department, cheer leader in 1910, will show how they used to send the team off in his days. "Kid" Gore '13, will be on hand with one of his good old "pep talks." Dr. Chapman '08, of the botany department, an enthusiastic follower of the football world, will also give some good advice. Call has been sent out to past football captains urging their presence at the meeting or at least a letter from them suitable to rouse the old "on to Springfield" feeling. So the old chapel will abound with enthusiasm—Remember, Thursday evening at 7-00. Rumors are afloat of a razoo party.

The special train will leave for Springfield, Saturday, at 12 o'clock, arriving at 12-50. The train leaves Springfield for Amherst at 11-30 P.M.

"EC" MEETING WEDNESDAY

That the recently organized Agricultural Economics Club is starting on the beginning of a most successful year was shown by a lively and interesting meeting on the evening of Nov. 15. Westman '17 spoke on "Factors of Agricultural Production." At this time the constitution, drawn up by the executive committee, was presented and adopted.

The next meeting of the club will be held Wednesday, Nov. 22, at 7 P. M., in Clark Hall, when Prof. Peacock of the farm management Department will give a talk on the interesting phases of his work. The last half hour will be devoted to open discussion at which any question may be asked. All men interested whatsoever are urged to attend these lectures and discussions and find out how little they really know of the economics of agricultural problems.

Specialists in

Students' Needs

FOR generations we have served the college men and students of all New England and we know their requirements.

Our stocks of Student Clothing, Haberdashery, Shoes, Athletic and Sporting Goods, Jewelry, Rugs, Desks and Books are complete and moderately priced.

Sole Agents in Boston for the justly famous

Society Brand Clothes

Free delivery to Amherst of any purchase—large or small.

JORDAN MARSH COMPANY
Boston

Dr. L. O. Whitman
21 Pleasant St., Amherst, Mass.
Office Hours: 1-3, 7-8 p. m. Sunday and other hours by appointment.

Croysdale Inn
SOUTH HADLEY, MASS.
Thanksgiving Dinner—1 P. M.
TABLES RESERVED.
Telephone 2628-W, Holyoke.

Cox Sons & Vining
72 Madison Ave., New York

Caps
Gowns
Hoods
for all Degrees

ROBES FOR JUDICIARY, CLERGY AND CHOIR

RAHAR'S INN
Northampton. Massachusetts
EUROPEAN PLAN
The Best Place to Dine
All Kinds of Sea Food
Special luncheon from 11-30 to 2 p. m.
A la carte service
6-30 a. m. to 11-30 p. m.
R. J. RAHAR, Prop.

Eyes Examined
Glasses Furnished
OSCAR L. McCULLOCH
54 Suffolk St. Holyoke, Mass.

FLEMING'S SHOE STORE
Northampton

FLOWERS AND PLANTS
Grown by the Floricultural Dept.
We offer our surplus stock of cut flowers and plants at reasonable rates to students and faculty. This stock is grown in modern houses under ideal conditions. Roses, carnations, violets, chrysanthemums and sweet peas in season.
GROWN ON THE CAMPUS
Telephone 200

The "Nonotuck"
HOLYOKE'S LEADING HOTEL
Club Breakfasts, 25c to 75c
Business Men's Luncheon, 60c
Sunday Table d'Hote Dinner, $1.25
GORHAM BENEDICT, Mgr.

NEW YORK ALUMNI HAVE THIRTIETH REUNION

Robert A. Cochran '82 of Maysville, Ky., Symposiarch.

The New York alumni foregathered at the Manhattan hotel, Nov. 11 for its 30th annual function. The postprandial exercises were opened by Bob Cochran, vice-president of the club, reading from its president the following telegram:

"SEYMOUR, IND., Nov. 11, 1916.

Regret exceedingly that I shall not be able to be with you this evening. I always look forward with much pleasure to the annual dinner of the New York club of Massachusetts Agricultural College Alumni and wish I might be there tonight to join with others in assuring President Butterfield of our approval of his work in the past and our confidence in the future under his wise and constructive management.

DANIEL WILLARD."

The Symposiarch then carried us back to his college days of 1878-80. It has been truthfully said that if any undergraduate missed in those days anything going in the lines of practical sociology that man was not Bob Cochran. Class rows and rumpuses—the bloody rushes at Amherst college, active participation in the noble work of extinguishing town fires, felicitous meetings with "Old Stock" and other members of the faculty, excursions to Boston and the enjoyment of the old time dramatics at the Boston Museum—all these and much more we heard of.

Introduced in grateful terms for his splendid work, the president of our Alma Mater addressed us in a speech of intimate feeling which can not be here reproduced. All that can be said is that each man present gave thanks for the work that has been done on the foundations laid by Chadbourne, Clark, Goodell, Goessmann, Parker, Stockbridge, Totten and others.

Woolson '71, Minor '73, Wheeler '83, Morse '95 and Lamson '12 followed and all on the line of reminiscences. The men of the first classes must have been endowed with large stocks of constitution for their representatives were boys in feeling and not yet middle-aged in appearance. Some one must write up an intimate history of those first days for the men concerned are very much living. It was of great interest to watch amazement flicker over the faces of the very recent graduates when the first day equipment of the institution was described. And learning of this limited equipment, the abiding impression was that those first classes lived a full intercollegiate life. Lamson in the last of the above speeches made the pertinent remark, that "he would rather attend a reunion like this and meet the older and oldest graduates than one of his own time."

One motion of Lubin '84, duly seconded and unanimously voted was that the club express to President Butterfield its highest respect for his work and its undeviating loyalty to the ideals and principles he is managing the institution on. It was also unanimously voted to express our thanks to President Butterfield and Symposiarch Cochran for their attendance and speaking. Music under the leadership of Choragus Foot '78 played its prominent part. May we all meet another year.

JOHN A. CUTTER, '82.

POULTRY AND EGG SHOW

To Be Held at Stockbridge Hall Dec. 15 and 16. Competition Open to Commercial Men and Students

The second annual dressed market poultry and egg show will be held here Dec. 15 and 16. The exhibition of eggs is a new feature this year, which was added through the request of many of the exhibitors.

The primary object of the show, which is now becoming an annual affair, is for the experience and education of the men majoring in poultry. Professor Payne has arranged a group of committees, composed of the students of the department, which will have full charge of the show. David H. Buttrick of Arlington has been appointed superintendent.

Competition is open to the commercial poultry men of the state, as well as to the men of the college. They will, however, compete in different classes. The prizes offered are ribbons, dressed poultry, and cups. A beautiful cup has been given by Batchelder & Snyder Co. of Boston, which will bear on one side the signature of the exhibitor winning the largest number of points on market poultry and on the other the signature of the student who wins the largest number of points judging eggs and poultry. The cup is to remain the property of the college. John Mullen of Amherst also offers a trophy in the dry picking contest.

The show will be held in Stockbridge Hall as last year, and in view of the fact that the entire exhibit will be staged on one floor, it will facilitate matters greatly for the spectators. As was the case last year, the exhibits, unless otherwise specified, will be auctioned off during the last afternoon.

SPRINGFIELD THEATERS

For the benefit of those planning to attend some theatre after the Springfield game next Saturday, a schedule of performances follows: Court Square—Robert Edeson in "His Keeper's Brother." Poli's Palace—vaudeville and motion pictures. Plaza—vaudeville and motion picturers. Broadway—motion picture plays and music. Bijou—music and motion pictures. Fox—motion picture productions and music.

ONE OF CAMPION'S COLLEGE STORES

We are sole agents for the Reversible Collar Campion Custom Made Shirts, made especially for college men, from **$1.50** to **$6.00.**

Crofut & Knapp, also Chase of New Haven Hats, from **$3.00** up.

THE ENGLISH AQUASCUTUM COATS

Ready-to-wear Clothes for young men from Atterbury System-Fifth Ave., from **$22.00** up.

Made-to-your-measure Clothes, from **$25.00** up.

Mr. Campion personally superintends to fitting in this department and is an expert in the business.

ONE OF THE BEST CUSTOM TAILORING DEPARTMENTS IN THE STATE

ONYX HOSIERY MARK CROSS GLOVES KNOTHE BELTS

CAMPION'S COLLEGE STORE At Amherst

—Come to us for—

Fireplace Goods, Coat and Trouser Hangers

Ever Ready Flash Lights and Paint

Clothes and Shoe Brushes

Anything in Hardware and Cooking Utensils

Always glad to see you.

THE MUTUAL PLUMBING & HEATING CO.

BURPEE'S REGISTERED VAB TRADE MARK "The Seal of Quality"

Burpee's Seeds Grow

FOR forty years we have rendered faithful service. For forty years we have tried to make each year's service more nearly ideal. This untiring effort has built for us not only The World's Largest Mail Order Seed Business, but also a World Wide reputation for Efficiency and undisputed leadership. The Fortieth Anniversary Edition of **Burpee's Annual,** *the* **"Leading American Seed Catalog"** is brighter and better than ever. It is mailed free. A postcard will bring it.

W. ATLEE BURPEE & CO., Seed Growers,
Burpee Buildings Philadelphia.

Page's Shoe Store

Largest Stock—Lowest Prices

Expert Repairing—Best leather used

JACKSON & CUTLER

—DEALERS IN—

Dry and Fancy Goods and Choice Family Groceries

THE MASSACHUSETTS COLLEGIAN

Published every Tuesday evening by the Students of the Massachusetts Agricultural College.

BOARD OF EDITORS.

RICHARD W. SMITH '17, Editor-in-Chief
MARSHALL O. LANPHEAR '18, M'ging Editor
MILFORD R. LAWRENCE '17, Assistant Editor
WILLIAM SAVILLE, JR. '17, Alumni Editor

ASSOCIATE EDITORS.

JOHN T. HIZER '17
JOSEPH F. WHITNEY '17
FRANK J. BINKS '18
NATHAN W. GILLETTE '18
EDWARD N. MITCHELL '18
ELIOT M. BUFFUM '19
MYRTON E. EVANS '19

BUSINESS DEPARTMENT.

MERRILL P. WARNER '17, Business Manager
JAMES C. POWELL '18, Assistant Business Manager
BIRGER R. ROSEQUIST '18, Advertising Manager

Subscription $2.00 per year. Single copies, 8 cents. Make all orders payable to **Merrill P. Warner.**

In case of change of address, subscribers will please notify the business manager as soon as possible.

Entered as second-class matter at the Amherst Post Office.

Vol. XXVII. Tuesday, Nov. 21. No. 8

POPULAR VS. REPRESENTATIVE.

THE persistent efforts of the Commons Club to secure recognition on the part of the fraternity conference may not express any keen desire for membership in that organization but it does voice a demand from the neutral body of this college for more representation in every phase of student life. The conference by its very constitution exists with the avowed purpose of furthering the interests of fraternities and fraternity men at M. A. C. What becomes of the other forty per cent is apparently of little concern to them The one organization whose original function was to take care of these non-fraternity men is the Commons Club. Its justification for existence depends upon its fulfilling this mission and when it goes seeking after strange gods it ceases to be a Commons Club. We hope and trust that this non-fraternity organization will keep to its original principles and not become one more unit in the already complex system of M. A. C. fraternity life.

Does it not, on the other hand, seem a bit hopeless to picture a student body supposedly working for the college while pulling in opposite directions? On one side is the fraternity and all the ideals of social development for which it stands, while on the other side we have the non-fraternity element, more or less unorganized, but none the less sincere in working for the best interests of the college. Imagine the tremendous energy expended in the continual competition between these various groups, energy which might have been put to constructive use. And where does it all end if not in bickerings, and jealousies and much ado about nothing? And wherein does the college receive any benefit from it all?

We believe the fraternity conference has a bigger obligation than merely looking out for its own interests. We believe, also, that it could well be expanded into a larger organization representing not only each fraternity, but each group of say thirty, non-fraternity men, including in this class members of the Commons Club. Members of the conference would not be chosen by the student body, but by the organizations themselves. The new conference would take over all the powers now vested in the senate, together with its original prerogatives. The senate as at present constituted would be done away with and popular government, so-called, would give place to a more representative form. We might cite as advantages of this plan the fact that members of the student government would then be chosen for their ability rather than their popularity. Furthermore, every organization could have representation, leaving no one cause for complaint that his particular group was left out of the running. Popular support back of the student government would no longer be marred by petty prejudices based upon the unequal representation of fraternities in the governing body. Sooner or later in the interests of democracy the demand of the non-fraternity man will be heard and granted, and fraternity exclusiveness will find small place to hide itself. The principle involved lies far beyond any consideration of rushing rules or other points of contention, in the inherent right of all parts of a community to equal representation in the government of the community. Although the proposal we make is a radical departure and is full of imperfections, nevertheless, it represents a basis for further argument. We here present it in the hope that it may provoke some discussion upon this problem which hits every man, fraternity and neutral, with equal force.

CAMPUS CALENDAR

[Notices for this column should be dropped in at the COLLEGIAN office or handed to Nathan W. Gillette '18 on or before the Monday preceding each issue.]

WEDNESDAY, NOV. 22

2-10 P. M.—Assembly. Mr. Samuel J. Elder, member of Executive Committee, League to Enforce Peace, Boston.

6-30 P. M.—Mandolin Club Rehearsal, Social Union.

7-00 P. M.—Agricultural Economics Club, Clark Hall, Room B.

7-00 P. M.—Microbiology Club, Library of Microbiology Building.

THURSDAY NOV. 23

7-00 P. M.—Mass Meeting, Old Chapel. Florist's and Gardeners' Club meeting, French Hall, after mass meeting.

FRIDAY, NOV. 24.

6-30 P. M.—Mandolin Club Rehearsal, Social Union.

9-45 P. M.—Chemistry Club meeting.

SATURDAY, NOV. 25

12-00 M.—Special train to Springfield, B & M. Station.

2-30 P. M.—Varsity Football, M. A. C. vs. Springfield Y. M. C. A. College at Springfield.

SUNDAY, NOV. 26

9-10 A. M.—Sunday chapel, Mr. Fred B. Smith, , of Johns-Manville Company, New York City.

6-45 P. M.—Y. M. C. A. meeting in Social Union Rooms.

TUESDAY, NOV. 28.

7-00 P. M.—Glee Club rehearsal, Old Chapel.

SPEAKERS FOR THE WEEK

Sunday Chapel.

Mr. Fred B. Smith of the Johns-Manville Company, New York City is to give the address at Sunday chapel, Nov. 26. Mr. Smith has been extremely prominent in Y. M. C. A. work throughout the country and has been international secretary of the organization. Mr. Smith, who was born in Iowa, graduated from Iowa State University. At the time of the war with Spain, he was engaged in Y. M. C. A. work with the soldiers in Cuba. Since then he originated and has lead the famous "Men and Religion Forward Movement," which is represented in about fifteen hundred cities and towns. In 1910, he was made International Secretary of the Y. M. C. A. Mr. Smith is the author of the book "Men Wanted."

Wednesday Assembly.

George D. Chamberlain representative to the state legislature from Springfield is to speak at Wednesday assembly, Dec. 6.

REPRESENTATIVES OF LAND GRANT COLLEGES CONFER

The annual meeting of the Association of Agricultural Colleges and Experimental Stations held last week at Washington, D. C., proved to be of the most vital importance to the future of state institutions. The conference was made up of representatives of all the land grant colleges in the country. Massachusetts holding the unusual position of being the only state college that is strictly devoted to agriculture and allied studies. Among the discussions of the meeting was the introduction of a bill in Congress for the establishment of engineering experimental stations. Plans were advanced for a future conference of all state supported educational organizations for the working out of a rural policy on a national scale involving the consequences to America of peace in Europe, on industry, military preparedness, and finances. Much emphasis was placed on the great demand for trained men in an agricultural world which has never before seen such activity. There are thousands of opportunities open, especially in teaching, research, extension work and industrial lines.

Harmony

It has become a point of good fellowship, and he that will refuse to take a pipe of tobacco among his fellows is accounted peevish and no good company.

See the

Harmony Keg of Good Fellowship

—at—

HENRY ADAMS & CO.

The REXALL Store

INDISPUTABLE PROOF OF THE BETTER QUALITY OF DE LAVAL SEPARATED CREAM

The most important of all butter-securing contests are those that take place at the National Convention of the National Butter-makers' Association, held in recent years in conjunction with the National Dairy Show. The first prize winners at every Convention of the Association since its organization in 1892 have all been De Laval users.

Such evidence of the superior quality of cream produced by the De Laval Cream Separator no cow owner considering the purchase of a cream separator can afford to overlook.

To produce high grade butter you must have a fine quality of cream, and to get the best cream you must have a De Laval Cream Separator.

THE DE LAVAL SEPARATOR COMPANY

165 BROADWAY NEW YORK — 29 E. MADISON ST. CHICAGO

For Greatest Satisfaction Use

DOUBLE SERVICE Automobile Tires

Guaranteed 7,000 Miles Service

Absolutely Puncturepoof

Double Service Tires are made double the thickness of the best standard make tires.

Their 100% greater wearing surface naturally gives that much more mileage and service. The average of 12 miles of tough country cover rough and rugged roads as well as on hard pavements. They are as easy riding and resilient as any other pneumatic tire—the air space and pressure being the same.

They are the most economical and "care free" tires made—and the tire troubles cannot be tolerated, prodded and tired tires are in use in the Many Double Service tires are in use in the U. S. government and European War service.

The footpath is limited to certain amount, but for a short time we offer the following reduced special prices as an introductory Offer

PRICES

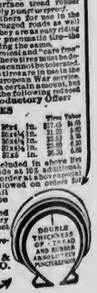
	Tires	Tubes		Tires	Tubes
30x3 in.	$ 8.00	$2.30	36x4 in.	$17.45	$6.60
30x3½ in.	10.60	3.10	36x4½ in.	20.00	7.35
32x3½ in.	12.75	3.50	37x4½ in.	20.50	7.60
34x4 in.	15.75	4.30	37x5 in.	26.30	8.65
34x4½ in.	16.70	4.85	37x5½ in.		

All other sizes not included in above list also furnished. Non-skids at 10% additional.

Terms: Payment with order at above special prices. 5% discount allowed on orders for two or more tires. All personal checks must be certified.

Order these tires now and be convinced of their very high qualities. Sold direct to the consumer only. Descriptive folder upon request. Write for it.

Double Service Tire & Rubber Co., Akron, O. Dept.



CHOOSE TEAM TO JUDGE AT CHICAGO STOCK SHOW

Prof. J. C. McNutt plans to take seven Aggie men to the International Stock Judging Show at Chicago, Dec. 4 to 8, where they are to par ic-ipate in the students' judging contest. Charles H. Clough '17 of Dedham, Samuel V. Noyes '17 of Georgetown, Alfred O. Kinsman '17 of Merrimac, Everett L. Upson '17 of New Britain, Conn., Thomas S. Dillon '18 of West Warren, Michael J. McNamara '17 of Stoughton, and Merrill P. Warner '17 of Sunderland are to make the trip. They leave Springfield Nov. 30 and go direct to Chicago where they begin the stock judging in the competition Dec. 2. They will spend two or three days at show and one day in the packing-houses and stock-yards of the city. From there the men are to visit the state university and several prominent dairy and stock farms en route. They will also stop at Buffalo and Niagara Falls, arriving in Amherst Dec. 9.

TO DISCUSS CHRISTIANITY

The discussion of the topic "Are church-goers hypocrites," at the informal meeting of the Y. M. C. A. last Thursday, proved so interesting that it seemed the desire of all present to continue this subject at some future date. Since Mr. Mutkekar, a graduate student from India, has consented to lead the talk Sunday evening, the original topic will have to be postponed until after the Thanksgiving recess, when it will be resumed. Mr. Mutkekar will try to portray for the student body the Oriental idea of Christianity from the view point of the Hindu and, to make this interesting, he will ask questions concerning the fundamentals of Christianity as the American sees it, contrasting it with the idea the Hindu holds. The meeting will come Sunday, Nov. 26, around the cosy fire of the social union at 6-45 P. M. This new date is being tried as a sort of experiment.

"THE ARRIVAL OF KITTY"

[Continued from page 1]

intended bridegroom who arrives from Italy. To add to the complications, the aunt offers her brother a large sum of money if he will obtain a husband for her, and accordingly he wires a matrimonial agency. The man from Italy arrives and is mistaken by the uncle as the candidate for his sister's hand. Affairs become more involved when the real chorus girl appears. Ludicrous events follow and hold the interest until the end which is satisfactory to all.

Tryouts for the cast will be held the first of next week, announcement of date to be made later. Members of all classes will be eligible, and special interest should be shown by sophomores and freshmen. Several week-end trips are planned for, thus assuring a fine season for the cast.

ABOUT THE CAMPUS

Harold E. Jones ex-18, who transferred to the junior class at Amherst this fall, has pledged Delta Upsilon.

The post-graduates held basketball practice in the Drill Hall Monday evening. About 12 candidates reported.

An early crop of peas and beans has been grown by the botany department to supply the sophomores in the laboratory with seedlings.

With the coming of winter, it is noticed about the campus that the old and familiar mackinaws are gradually giving way to the moderu "sheep-skin" top coat.

The class in elementary pomology are pruning apple trees in the old orchard recently acquired by the college. The new property is located near the B. & M. station in Amherst.

Robert E. Brown ex-18 has entered Bowdoin. He was declared ineligible for the intercollegiate cross-country run, owing to his attendance at M. A. C. for one year. The Bowdoin coach thinks that in Brown he has an intercollegiate champion.

DEAN WARREN DELIVERS PHI KAPPA PHI ADDRESS

"A scholar is the real thing, made out of the best stuff that humanity affords," said Dean Warren of Boston University in the annual Phi Kappa Phi address given at assembly Wednesday.

He characterized the scholar as the man who wants the truth, who sets ont to know it, and who treasures truth when he gets it. Observation is the first step in knowledge, yet there are many of us who do not study out the things which we are in daily contact with. The distinction between fact and near-fact is the second step, or explanation. This is a matter of research and reflection. The third step in the development of knowledge is to "lean back and look it over". The scholar mulls over a fact and makes it his own.

He cited the custom of the "burnings" of Virgil and analytical geometry as typical of the wrong attitude toward knowledge. It symbolizes a leave-taking, letting hard-earned knowledge go.

Knowledge is the light in which the world's work is done, the mastery over environment, the organization within itself, and the clarifying of religious ideas. Everyone of us should bring into our commoner work the principles of true scholarship, to seek truth and love truth.

ARRANGE TRIANGULAR MEET

An annual triangular track meet with New Hampshire State and Vermont is the latest possibility in M. A. C. athletics according to Manager Flint. The date as set at present will be the week after the intercollegiates and the meet will be held at M. A. C. every third year.

SUNDAY CHAPEL

Rev. C. J. Hawkins Speaks.

"Life is a divine game, dealing with God every second, and it is up to each individual to write his record high" said Rev. C. J. Hawkins, pastor of the the Central Congregational church of Jamaica Plain, at Sunday chapel, on the text "What I have written I have written." From the religious point of view, we may look for divine and human forgiveness for our sins, but from the natural standpoint, a stain on our character can never be erased. Man can forgive, but Nature cannot. Will, energy, intellectual reserve, and faith in self and fellow men if developed, will equip us to meet the world successfully.

FLORICULTURE TRIP

Major Students Visit Plant of A. N. Pierson in Cromwell, Conn.

On Saturday, Nov. 18, students in floriculture, under the guidance of Professor Nehrling, visited the retail flower stores of Hartford, Conn., and the wholesale establishment of the A. N. Pierson Co., Cromwell, Conn. Thomas B. Beers '12, one of the high officials of the firm, escorted the students around the plant, which consists of 28 acres under glass, growing a great variety of flowers for the retail and wholesale trade. The trip was of great interest and opened up to those taking it, the great possibilities in floriculture. Mr. Beers spoke highly of the work of M. A. C. men employed by the company. He also gave the students some very good advice. Those visiting the plant were Prof. A. H. Nehrling, Assistant C. E. Wildon '16, L. H. Jones '16, H. A. Pratt '17, H. S. Seidel '17, G. J. Duncan '18, L. H. Lawrence '18, R. A. Lawton '18 and F. A. Woods '18.

WITH THE FACULTY

The "American City" for November contains an illustrated article on "Willauer's Park Subdivision, Wauwatosa, Wisconsin" by Mr. F. A. Cushing Smith of the landscape department. This is a modern land subdivision near Milwaukee designed by Mr. Smith himself.

Professor Waugh was the principal speaker last week at the 20th anniversary of the Lazy Club, a famous horticultural organization of Cornell University.

"BIDE-A-WEE"

Creamed Chicken and Waffles

Our Specialty—And other good things to eat.

MRS. L. M. STEBBINS,
Middle Street, Hadley, Mass.
Tel. 05 W

UNITY CHURCH

NORTH PLEASANT ST.

A Church home of the liberal Faith, where every student will meet with a cordial welcome.

REGULAR SUNDAY SERVICE AT 10 A. M.

THE

United States Hotel

Beach, Lincoln and Kingston Sts.

BOSTON, MASS.

Only two blocks from South Terminal Station, and easily reached from North Station by Elevated Railway, and convenient alike to the great retail shops and business centre, also to the theatres and places of interest.

European Plan $1.00 per Day and Upwards

Table and service unsurpassed. Booklet and map sent upon application.

TILLY HAYNES, Proprietor — JAMES C. HICKEY, Manager

WEBSTER'S STUDIO

Everything in Photography

GROUPS A SPECIALTY

Good work speaks for itself.

NASH BLOCK, AMHERST, MASS.

AMHERST BOOK STORE

Note Books — Fountain Pens

Agents for Rex Typewriter

F. M. CURRAN — C. F. DYER

MARSH'S SANITARY

Students' Furniture

RUGS AND CARPETS

— E. D. MARSH ESTATE —

ESTABLISHED 1802

STEPHEN LANE FOLGER, Inc.
MANUFACTURING JEWELERS
180 BROADWAY, NEW YORK

CLUB AND COLLEGE PINS AND RINGS
GOLD, SILVER AND BRONZE MEDALS

— JOIN THE BUNCH AT —
EPSTEIN'S TAILORING PARLORS

Now located over post office. Up one flight

Pressing and Cleaning a Specialty

Liberal Ticket System Tel. 36-M

College Stationery

With Class Numerals.

Magazines, Newspapers and Fountain Pens

A. J. HASTINGS

Newsdealer and Stationer

Gallup at Holyoke

293-297 High St.

— SELLS —

Hart Schaffner & Marx Clothes

Come down to Holyoke and see our big store.

S. S. HYDE
JEWELER & OPTICIAN
13 Pleasant St.
Oculists' Prescriptions Filled. Broken Lenses Accurately Replaced. Fine Watch Repairing Promptly and Skilfully Done. Satisfaction Guaranteed

E. B. DICKINSON, D.D.S.
DENTAL ROOMS
Williams Block, Amherst, Mass.
Office Hours 9 to 12 a. m., 1:30 to 5 p. m.

The Highland Hotel
Corner of Hillman and Barnes Streets, three blocks from the Union Depot, is a modern hostelry run on the European Plan. It is just a step from Main Street, away from the noise and dust and yet in the center of the business district.
Its rooms are well furnished and comfortable, having a telephone and hot and cold running water in every room. Prices $1 and up; rooms with bath (single) $1.50 and up.
Its excellent cuisine and well ventilated dining room makes a meal a pleasant memory—everything of the highest quality, well cooked and served in the best possible manner.
Stay at the Highland Hotel once and you will anticipate staying there again. Music every evening.
D. H. SIEVERS,
Highland Hotel, Springfield, Mass.

WHITE'S MUSIC STORE
HENRY K. WHITE
241 MAIN STREET, NORTHAMPTON
Mandolins, Genuine Hawaiian Ukuleles, Picks, Strings, etc., and music for all instruments and all voices. Instruments may be had on trial.

The Holyoke Valve & Hydrant Co.
Jobbers of Wrought Iron and Brass Pipe, Valves and Fittings for Steam, Water and Gas. Asbestos and Magnesia Boiler and Pipe Coverings. Pipe Cut to Sketch. Mill Supplies. Engineers and Contractors for Steam and Hot Water Heating, Automatic Sprinkler Systems, Boiler and Engine Connections. Holyoke, Mass.

RECKMAN'S
Candies and Ice Cream
"HAMP"

Seniors and Juniors
Now is the time to buy those
FILING CASES
For your Bulletin.

Johnson Book Co.
BARRETT WOODWORTH
Alpha Sigma Phi House.

Batchelder & Snyder Co.
PACKERS AND POULTRY DRESSERS
WHOLESALE ONLY
Beef, Mutton, Lamb, Veal, Pork, Hams, Bacon, Sausages, Poultry, Game, Butter, Cheese, Eggs, Olive Oils.
Black-stone, North and North Centre Streets,
BOSTON, ... MASS.

F. A. SHEPARD
MEN'S STORE
Shoes Hats Furnishings
Local Agent for
E. V. PRICE CO., LAMM CO., BROWNING, KING & CO.,
Custom Tailors
OUR DISCOUNT TICKET SAVES YOU 5%

Carpenter & Morehouse,
PRINTERS,
No. 1, Cook Place. Amherst, Mass

:: PATRONIZE AN AGGIE MAN ::
Suits Cleaned and Pressed
SATISFACTION GUARANTEED
LARRY GAY, PROP. REAR OF AGGIE INN

FRESHMEN GET ROPE PULL BY TWENTY-EIGHT FEET

Good coaching and thorough practice were the factors responsible for the decisive freshman victory in the annual freshman-sophomore six-man rope pull held Saturday afternoon. The huskies of 1920 gained a foot of rope at the crack of the starter's pistol, gaining continuously after foot holes were established until 28 feet 3 inches of sophomore rope changed sides.

The teams were:

1919.	1920.
Ernest F. Sexton,	Kenneth Blanchard,
Raymond L. Newton,	Ivan A. Roberts,
George Castle,	John A. Crawford,
Samuel Ferris,	Allen Hersom,
Harold W. Poole,	J. K. Belehunt,
Errol C. Perry,	F. Harold Holland,
R. F. Readio (mgr.)	H. H. Smith (mgr.)

WHEAT PIT A SUCCESS

Thousands of dollars were lost and won in Clark Hall Nov. 16. The students in Agricultural Economics 75 gave a representation of the Chicago wheat pit in full swing. The pit was conducted by Doctor Alexander E. Cance. The students readily entered into the spirit of the work and there were some very lively transactions. David Buttrick '17 was on the winning end, and in theory is now rolling around the campus in a limousine. Novinsky's attempt to corner the market boosted the price up a few points but, according to Prof. Cance, landed Novinsky in jail.

WAITERS HAND OUT A BEATING TO SCULLIONS

Playing the tightest game seen on Alumni field this year, the Waiters subdued the Scullions 12 to 6 for the championship of Draper Hall, on Saturday afternoon. The line drives of Frellick of the Towel team, and the leaping rushes of Kennedy '18 of the Tray team were the shiniest performances. Faneuf and Callanan, the Scullion ends, made good gains, and waiter Lipshires showed aggressiveness. The losers have recovered and want another game.

MAYORALTY CANDIDATE AN AGGIE ALUMNUS

Alvertus J. Morse '94, has recently been nominated at the republican primaries for mayor of Northampton. His opponent was Mayor Feiker, who has held the office for the past five years. Mr. Morse is a well-known lawyer of Northampton, having received his L.L. B. from Boston University after his graduation from M. A. C.

HOCKEY NOTES

Wesley S. Sawyer '18 of Jamaica Plain is assistant manager of varsity hockey for the coming season, while Carlton T. Smith '18 of West Newton is assistant manager in charge of freshman team. The freshmen will have a schedule this year.

MR. COWLS TO ADDRESS THE STOCKBRIDGE CLUB

An instructive meeting of the Stockbridge club will be held Wednesday at 7 P.M. in Stockbridge hall when Mr. Cowls of North Amherst will give a lecture, more or less illustrated, on South American agricultural conditions. Mr. Cowls spent most of last year in an extensive tour of that continent engaging in agricultural research work largely for his own interest. It is somewhat probable that at this time, Professor McKimmie will speak, for he also is well acquainted with Latin-American conditions.

1916 NOTES

R. F. Taber is doing extension work in farm management in New Hampshire, being located in Durham. He has been in Durham since the first of August and is enthusiastic over the work. Enclosed in his letter was a check representing the remainder of the class funds. Thanks, Ralph.

"Jeff" Kilbon of Lambton Mills, Ontario, Canada, care Park Lawn Cemetery Company, Limited, of Toronto. In the morning he gets several surveying parties started right, gives the boss his instructions for the day and then sweeps out the office.

The secretary hesitates to say this, but he is considering strikin' up a dicker with Jeff for a small lot of individual burying-grounds, these to be distributed at Christmas to those of the class who apparently have passed away.

Heinie Walker is at present on the Mixter farm, Hardwick, Mass.

Alfred Anthony Gioiosa, 28 Bicknell St., Dorchester. "Joe" is working for the Union Central Life Insurance Co.

Alfred Topham, Landhohns Farms, Wells, Me.

Cy Little, 70 Purchase St., Newburyport, Mass. Cy is studying in the Harvard School of Public Health, Harvard Medical School, and M. I. T.

Society note.—Dutch Schlotterbeck, B. Sc., and several other Aggie lads from "Alpha Sig Farm" called on a girl in Framingham last week. The orchards at Stannox farm, Sherburn, are under Dutch's care.

Correction.—The list of 1916 men at the Highland in Springfield on Oct. 16 did not include the name of Doc Mooney. Doc was there, though.

Frank Anderson '16 expects to go into the motion picture business soon.

"Pete" Mattoon '16 and "Reg" Hunt '16 are working in Medford.

CONCERT IN ACADEMY

The combined musical clubs of M. A. C. and Amherst will give a concert in the Academy of Music in Northampton some time in April. No definite date has been set.

THE CORNELL GAME

[Continued from page 1]

bone and probably will be unable to play in the Springfield game.

Cornell was penalized 40-yards for offside playing and for rough work while Aggie was penalized but 10 yards for offside.

The lineup:

CORNELL.	AGGIE.
Ryerson, le	le, Grayson (Capt.)
Gillies, lt	lt, Blanchard
Mille, lg	lg, Spaulding
Carey, c	c, Roberts
Anderson, rg	rg, Dunn
Taylor, rt	rt, Edwards
Eckley, re	re, Bay
Speed, qb	qb, Whittle
Van Horn, lhb	lhb, Moynihan
Hoffman, rhb	rhb, Pond
Mueller, fb	fb, Weeks

Score—Cornell 37, M. A. C. 0. Substitutions—Cornell, Tilley for Anderson, Zander for Ryerson, Brown for Carey, Jewett for Taylor, Dixon for Jewett, Fisher for Mueller; M. A. C., Holmes for Spaulding, Spaulding for Blanchard, Hagelstein for Grayson, Grayson for Whittle, Whittle for Grayson, McGinnis for Hagelstein, Goodwin for Weeks, Weeks for Goodwin, Mack for Moynihan. Touchdowns—Speed 4, Mueller, Fisher. Goal from touchdown—Speed. Referee—V. A. Schwartz of Brown. Umpire—Louis Hinkey of Yale. Head linesman—C. F. Thompson of Cornell. Time—15-minute periods.

WILLIAMS HARRIERS WIN

[Continued from page 1]

The first Aggie man to finish was Bell '17 in 29th place. Sweeney and Lyons came next for M. A. C. in 37th and 38th and Bainbridge and Gordon finished 44th and 45th. The unfortunate showing of the M. A. C. team is attributed to the length of their season, which caused the men to become a little stale. The individual scoring was as follows:

Williams—1, 6, 9, 14, 23—53
Maine—3, 5, 7, 13, 28—56
Dartmouth—2, 8, 12, 17, 19—58
M. I. T.—11, 15, 21, 24, 32—103
W. P. I.—4, 20, 22, 33, 47—126
Bates—10, 16, 39, 41, 42—148
Brown—18, 25, 34, 35, 36—148
M. A. C.—29, 37, 38, 44, 45—193

INSTALLING NEW EQUIPMENT

The old sterilizing room at the college barn is being renovated and new equipment is being installed. The old fixtures and apparatus have been in use for 10 years and are about worn out. While these changes are taking place the college milk is being sterilized in Flint laboratory.

BASKETBALL MANAGERS

Lester Odams '18 has charge of the freshman basketball schedule for the coming year. Roger Clapp '18, the other assistant manager of basketball, will be varsity assistant.

MICRO CLUB MEETING

There will be a meeting of the Microbiology Club, Wednesday, Nov. 22, at 7 o'clock in the library of the Microbiology Building. One of the current topics of microbiology will be discussed.

PROM TO COME FEB. 23

Junior Prom will come Feb. 23. This date is about two weeks later than that of last year, due to the fact that Varsity basketball will not be over until the middle of the month. A hockey game is being scheduled for this date. There will also be a cabaret dance and Prom show as in former years. The decorations will be left up for a week that a Prom informal may also be worked in.

FORM CHEMISTRY CLUB

A 1918 Chemistry Club has been formed by those juniors majoring in chemistry. The executive committee of McNaught, Lampsou and O'Neil has drrwn up a coustitution which will be presented to the members Friday night, Nov. 24.

MAYORALTY CANDIDATE AN AGGIE ALUMNUS

Alvertus J. Morse '94 has recently been nominated by the republican primaries for mayor of Northampton. His opponent was Mayor Feiker, who has held the office for the past five years. Mr. Morse is a well known lawyer of Northampton, having received his LL.B. from Boston University after his graduation from M. A. C.

DEPARTMENT NOTES

Veterinary Assistant Leaves.

Arnold P. Sturtevant, assistant in veterinary science, has left to take up work with the bureau of Entomology of the United States Department of Agriculture. He will test samples of bee disease from all over the country and do some research work. New address, Drummund, Md.

Vermont Fruit Show.

Prof. W. W. Chenoweth, of the pomology department, attended the New England fruit show at Montpelier, Vt., Wednesday and Thursday Nov. 15 and 16. The show was held in union with the Horticultural society of Vermont.

Dr. Shaw, of the experiment station pomology department, addressed one of the meetings at the show. The talk on Wednesday forenoon covered varieties of apples. His Thursday lecture was on "The Future of Fruit Growing in New England."

Speak in Williamstown.

Dr. Shaw and Mr. Kilham gave very instructive lectures on pomology at Williamstown on the evening of Nov. 13 to an "apple day" gathering of farmers. Mr. Kilham spoke on "Winter Work in the Orchards" advising careful examination and care of trees at this time of the year especially in pruning. Dr. Shaw took for his subject "Varieties of Apples," speaking of the advantages and disadvantages of various crosses and discussing the several valuable qualities of the perfect apple.

'14—Jack Hutchinson was on the campus last week.

JUST A TIP!

This year it's Sheepskin-lined Coats that have a clear field. Be sure you have yours before the "big" game: you will look "right" in one of these big roomy coats and you won't know what it is to be cold.

We have the largest line of these coats in the state and all we ask is an opportunity to show you the exceptional values that we are able to offer you. Ask the man who owns one.

Hart Schaffner and Marx Suits and Overcoats

SANDERSON & THOMPSON

School and College Photographers . . .
White Studio
LOCALLY: 52 Center St., Northampton, Mass., and South Hadley, Mass
MAIN OFFICE: 1546-1548 Broadway, New York City
These Studios offer the best skilled artists and most complete equipment obtainable

E. FRANK COE FERTILIZERS
The Business Farmer's Standard for Over 55 Years
RELIABLE AGENTS WANTED
Write to Local Agency Manager
THE COE-MORTIMER CO.
51 Chambers St., New York City

PROMINENT LANDSCAPE GARDENER VISITS M. A. C.

Mr. Jens Jensen of Chicago, America's foremost landscape gardener honored the town of Amherst by his presence Thursday and Friday. He had been called to New York City by certain committees who desired him to defend, by a written report, that city's famous Riverside Drive from encroachment upon by the New York Central Railroad.

Thursday night the senior members of the Landscape Art Club entertained him in the unique way of a supper prepared on forked sticks before an open fireplace in an old cabin at the Notch. Mr. Jensen gave the students a very informal talk, between "hot dogs," bacon and coffee, opening up to them what he assumed to be their duties as future American landscape gardeners.

Friday morning he delivered a lecture to the senior landscape class, on his impression of New York, contrasting the honest realness of previous New York life as illustrated by the quaint old unassuming city hall, with the hollow gluttonous commercialism illustrated by the new municipal building. He spoke of the lack of civic pride of the citizens to countenance for an instant the proposition of the New York Central Railroad.

PRELIM INDEX TICKETS

Next Monday, the 27th, the preliminary tickets for the 1918 *Index* will go on sale, and from the number of inquiries we've had, there's going to be a big demand for them. Pay part of the cost now and the remainder when the *Index* comes out. And say, those of you who are not thinking real seriously of getting one of those prelims, well, there's something lacking, that's all. Some of you pretend that you don't give a hang about the co-eds, but you know that way down deep you feel the least mite jealous when you see one of your friends walking across the campus with them. And here's the chance you've been waiting for, to get a picture of the whole bunch of co-eds, and mind you, its the first one that ever was taken. There are hundreds of other reasons why you should have an *Index* for each snapshot is an argument in itself and there's pages and pages of them. Don't go to bed Monday night until you have one of those prelims. Monday is the day and Lipshires, Pratt, Reumann, and Messenger are the men to see. Adv.

SET OUT WIND-BREAK

Some day one may expect to see an artistic wind-break and covering for the west end of North College, for a double row of small poplars has been set out there this week. This improvement not only serves as an excellent wind-break for this bleak crossing but also covers the blank appearance of the basement entrance to the dormitory.

The Massachusetts Agricultural College

Offers courses of instruction in twenty seven teaching departments, which embrace the study of

Agriculture, Horticulture, Science, Humanities and Rural Social Science.

A student may specialize in the following subjects:

Agriculture, Agronomy, Animal Husbandry, Dairying, Poultry Husbandry, Rural Journalism, Floriculture, Forestry, Landscape Gardening, Pomology, Agricultural Chemistry, Agricultural Economics, Economic Entomology, Microbiology, Economic Botany, Agricultural Education, Rural Sociology

For complete catalog and illustrated booklet, write

KENYON L. BUTTERFIELD, PRESIDENT
AMHERST, MASS.

COLLEGIAN DIRECTORY

Associate Alumni,	C. A. Peters, Secretary
Joint Committee on Intercollegiate Athletics,	H. M. Gore, Secretary
M. A. C. Athletic Field Association,	C. S. Hicks, Treasurer
Non-Athletic Association,	H. E. Robbins, Manager
The College Senate,	L. T. Buckman, President
Football Association,	R. L. Holden, Manager
Baseball Association,	R. D. Hawley, Manager
Track Association,	O. S. Flint, Manager
Hockey Association,	M. R. Lawrence, Manager
Basketball Association,	N. Moorhouse, Manager
Rifle Club,	S. F. Tuthill, President
Roister Doisters,	A. F. Williams, Manager
Musical Association,	D. M. Lipshires, Manager
Nineteen Hundred Seventeen Index,	F. W. Mayo, Manager
Nineteen Hundred Eighteen Index,	K. L. Messenger, Manager
M. A. C. Christian Association,	D. O. Merrill, President
M. A. C. Catholic Club,	J. H. Day, President
Fraternity Conference,	L. T. Buckman, President
Stockbridge Club,	M. J. McNamara, President
Interclass Athletic Committee,	O. G. Pratt, Secretary

There are Seven Good Reasons why you should buy your

COAL
OF
C. R. ELDER

WOODWARD'S LUNCH

27 Main St., Masonic Bldg., Northampton, Mass.

Lunches, Soda, Ice Cream

Closed only from 1 A. M to 4 A. M

The Connecticut Valley Street Railway

From Amherst, via Northampton, through the Hatfields, past the foot of Sugar Loaf Mt., alongside the famous Bloody Brook battle ground to Old Deerfield, thence to Greenfield, Turners Falls and across the "Plains" to Lake Pleasant, Montague and Millers Falls.

50 Miles of Trackage—Modern Equipment—Train Dispatching System—Freight and Express Service over entire line.

Connecticut Valley Street Railway Company

Jacob Reed's Sons are the leading manufacturers of

UNIFORMS

For college and military schools, and have won and maintain their prestige by sheer merit. The uniforms worn at Massachusetts Agricultural College are finished examples of our product.

JACOB REED'S SONS.

Makers of "Gold Medal Uniforms."

1424-1426 Chestnut St., Philadelphia, Pa.

FOUNTAIN PENS

Moore's Swan's Waterman's

Thirty-six dozen pens to select from.

—OUR RULE—

"Satisfaction guaranteed or money refunded."

DEUEL'S DRUG STORE

COLLEGE SHOES

We carry the largest stock in the state ontside of Boston.

MODERN REPAIR DEPT.

E. M. BOLLES
THE SHOEMAN

CARS

Leave AGGIE COLLEGE for HOLYOKE at 15 min. past the hour.

CARS

Leave AMHERST for AGGIE COLLEGE at 7 and 37 min. past the hour.

Special Cars at Reasonable Rates

AMHERST & SUNDERLAND ST. RY. CO

THE TERRY PARLOR
Cleaning Pressing Repairing
Quickest service, Best Work, Lowest Price
All work carefully done. Work called for and delivered. Gents' overcoats, suits, pants and coats. Ladies' fine linen suits a specialty. Teams will call every day at M. A. C.
WM. FRANKLIN, Prop.
Rear Nash Bl'k, Amherst. Tel. No. 34-4

Amherst
CO-OP LAUNDRY
High-Grade College Work

Shirts,	10-15c
Collars,	2 1-2c
Cuffs,	2 1-2c
Plain wash,	48c per doz.
Same, rough dry,	30c per doz.

DRY CLEANING AND PRESSING

Steam Pressing 40c, 5 Suits for $1.00
Dry Cleaning and Pressing, $1.50 a Suit

All bills payable at Co-op Store and parcels left there will receive prompt attention.

GRAYSON '17, Agent
HIGGINBOTHAM '17, Asst. Agent

THE MASSACHUSETTS COLLEGIAN

MASSACHUSETTS AGRICULTURAL COLLEGE

Vol. XXVII. Amherst, Mass., Tuesday, November 28, 1916. No. 9

FIVE GAMES SCHEDULED FOR BASKETBALL SEASON

Regular Practice to Start Monday. Much Promising Material Working Out Under Coach Gore.

Manager Moorehouse has announced the varsity basketball schedule for the coming season. It consists of five games with some of the fast New England college teams. For the first contest the varsity will take on Conn. Aggies, who have a fast team of veterans. Rhode Island State, now under a system of Dartmouth coaching and boasting a strong squad, will be the next opponent. Then will follow two games with the fast New Hampshire State quintet. The season winds up with Springfield Y. M. C. A. College as the attraction, the game to be played in Springfield on some neutral floor. Following is the schedule:

M. A. C. vs. Conn. Aggie at Amherst, Jan. 20.
M. A. C. vs. Rhode Island State at Amherst, Jan. 27.
M. A. C. vs. New Hampshire State, Durham, N. H., Feb. 3.
M. A. C. vs. New Hampshire State at Amherst, Feb. 10.
M. A. C. vs. Springfield Y. M. C. A. College, Springfield, Feb. 16.

Though varsity basketball is on trial this year, a squad of over fifteen promising men is already hard at work trying out for the team, thus insuring keen competition for each position. The team will be under the direction of Coach Gore who has had charge of interclass basketball in previous years. That he coached the last two freshmen teams to the interclass championship is ample proof of his ability. Coach Gore will also have charge of the freshman team.

The varsity training table started yesterday morning with the following men: Squires, Hagglestein, E. Grayson and Irving '17; Gasser, Hawley and F. Grayson '18; Sedgwick, Parkhurst, Batchelder, McCarthy and Pond '19. This number will be increased as fast as promising material develops. The men who have been out for football will not start training for a week, that they may have a rest after the strenuous football season. The non-football men, however, have been hard at work for over three weeks.

[Continued on page 3.]

PLANS WELL UNDER WAY FOR 50th ANNIVERSARY

Exercises to Open Oct. 7. To Start Work on Pageant Soon. Program for the Week.

Elaborate plans for the commemorative exercises of the Fiftieth Anniversary of the Massachusetts Agricultural College have been put forth by Prof. Wm. D. Hurd, chairman of the committee of arrangements.

The exercises will open Sunday, Oct. 7, 1917, with an address by a well-known person in keeping with the day and celebration. Monday, Oct. 8, will be given over to intramural athletics and exercises dedicating the athletic field, a big football game in the afternoon, and to "Undergraduate Night" in the evening.

On Tuesday morning there will be a historical program commemorating the fifty years' history of the college, following which the official delegates from American and Foreign colleges and universities will be received, in whose honor a luncheon will be served at noon. The first performance of the "Pageant of New England Rural Life" will be given in the afternoon, followed in the evening by a formal reception by the Governor, the Trustees and the President to delegates, guests and Alumni. Tuesday is also to be known as Alumni Day, at which time class reunions, luuches, etc., will be held.

[Continued on page 2.]

JOHN KENDRICK BANGS TO READ SATURDAY EVENING

Noted Author, Humorist, and Reader. Themes to be, "Salubrities I Have Known", and "More Salubrities".

Posters are now about campus announcing the coming to M. A. C. of John Kendrick Bangs a noted reader and humorist. The college will be favored with his presence at Stockbridge Hall, Dec. 2, at 7-30 o'clock. Bangs is one of the leading men in his work and the Social Union committee is to be congratulated on obtaining him to entertain the student body. He has been engaged in literary pursuits for many years and at some time has been associate editor of *Life*, of *Harper's*, the *Metropolitan*, and contributor to many other magazines. Perhaps his best known production as an author is "A Houseboat on the Styx," though "Ghosts I have met," and "A Proposal under Difficulties" run it close seconds for popularity. During late years he has made an enviable reputation for himself as a reader and "Genial Philosopher" to put it in the words of the *Independent* of Oct. 9, 1916. Among his well known readings are "Darius Green and his Motor-Machine," "Eloping with Papa," "The Great Day when Matilda voted," and "Bagga plays a system at Monte Carlo." As announced on the posters, "Salubrities I have met," and "More Salubrities" will be his themes, and he can be

Continued on page 2.

VARSITY CLOSES SEASON IN WHIRLWIND FASHION

Holds Springfield to 6-6 Score in Hard Fought Contest. Defeats Opponents at Their Own Game.

Outplaying Springfield at its own open game, handling the ball cleanly, and working like a well oiled machine, the M. A. C. combination came out with a 6-6 tie to their credit in the annual windup football game at Springfield last Saturday.

Springfield, coming from a season of notable victories and few defeats, was in perfect condition and confident of an easy victory until the game started. They had not counted on the Aggie fight in their figuring, however, and soon were themselves fighting to keep on an even footing with the maroon jerseyed team.

Springfield's noted open play was especially noticeable by its lack of success. Aggie men completely boxed up the speedy Sermon in nearly every play, and his long end runs, the favorites in Springfield's bag of tricks, failed to gain substantially at any time. M. A. C. men getting in rapidly and tackling for losses or only slight gains. The long forward passes which have often spelled defeat for Springfield opponents also failed, only one out of the five tries succeeding while of the others Aggie men intercepted two and spoiled the rest. In punting, Pond out-booted Springfield on every kick while Day and Grayson from their end positions speeded down the field and either tackled the receiver in his tracks or broke up the interference for some other Aggie man to drop the runner before he had got well under way.

In the first quarter Springfield started on a short trip down the field with a series of line plunges with Gayle carrying the ball for the best gains, but failed to hold the ball, fumbling on the 15-yard line. Maguinis recovered the fumble of M. A. C. and after three downs on rushing Pond punted back up the field. Springfield kept up the line plunging for short gains and when the whistle blew for the quarter they had the ball on the five yard line where Aggie held them for downs. When the second period opened Sermon, with the goal to make, tried to pierce the Aggie line but fumbled the ball which rolled over the goal line where Thorne of Springfield fell on it for a

By Way of Correcting the Sunday "Union"

The following article was featured on the front page of the Springfield *Union* of Sunday, Nov. 26:

PENALTY IS REFUSED AND WITH IT GAME

An example of sportsmanship rarely seen in competition of any kind may have cost Springfield Y. M. C. A. college its annual game with the Aggies yesterday at Pratt field. In the fourth period Capt. Sermon of Springfield broke loose and planted the ball on Aggie's 20-yard line. As he was downed an Aggie player used his fist with vicious intent and so openly that the referee couldn't miss it. He promptly imposed the penalty but Springfield refused it and right there passed the last good chance for Y. M. C. A. college to win the game.

To correct the impression given by the above we print two telegrams received from the officials of Saturday's game.

WORCESTER, MASS., NOV. 26, 1916.

Amherst right end penalized by referee for piling on play. Springfield lineman penalized by umpire for unnecessary roughness. The two penalties were for 15 yards and therefore neutralized. No penalty refused by Springfield.

PERCY R. CARPENTER,
Referee.

BOSTON, MASS., NOV. 27, 1916.

Y. M. C. A. did not refuse penalty in fourth period. Penalty was neutralized by similar offense.

HUGH C. MCGRATH,
Head linesman.

touchdown. Sermon attempted to punt out but his kick was too strong and went over his team mates heads which lost him a try for goal. Springfield then kicked off to M. A. C. and a steady systematic march down the field was started. When well down the field one of the thrillers of the game occurred when Sermon for Springfield intercepted a forward pass, but scarcely had he started with the ball when he fumbled directly into fullback Weeks' arms, leaving M. A. C. several yards nearer the goal than when the play started. From the 15-yard line Weeks threw another forward directly over the center of the scrimmage which was snatched out of the air by Pond and carried across for a touchdown.

Captain Grayson's attempt at a goal went wild, leaving the score a tie at 6 all.

From this time on, neither team scored though several times there was opportunity and at least three times the crowd came to its feet when it looked as if the tie had been broken by the serial method, and not until the referee had given a decision did the rooters know whether to yell or keep quiet. The first of these came when Pond, after a series of successful rushes by Weeks, Whittle, and Boles, penalties, and forward passes, took the ball on the 35-yard line for a drop kick which barely missed being a counter. The ball was put in play on the 20-yard line and Springfield soon punted out of danger. In the third period Gayle, playing right end for Springfield, got away for a long run and Springfield followed this up with its only successful forward pass of the game which netted 20 yards, but directly after this Weeks intercepted another forward pass and shattered Springfield's hopes.

The last quarter was filled with thrills. In this period Sermon got away for the longest run of the game and the only broken field run which he made during the game. With the ball tucked securely under his arm he crisscrossed back and forth over the field eluding tackler after tackler for a 30 yard gain. From the 25-yard line with Jouannet holding the ball, he later tried a placement kick which barely went outside the goal posts. The ball went into play on M. A. C. 20-yard line and the last attempt to score came when Pond punted to Sermon who took the ball on a fair catch on the 40-yard line and tried another field goal from placement. This time he failed to get the distance into the kick and the ball fell yards short. Just as the crowd was getting ready to watch a last minute fight similar to that which won for Aggie last year, time rang down the curtain for another season.

The line-up:

M. A. C.	SPRINGFIELD
Day, re	le, Whetstone, Thorne
Maginnis, rt	lt, Damkruger
Roberts, rg	lg, Webber
Sauter, Higginbotham, c	c, Harvey, House
Spaulding, lg	rg, Stafford
Holmes, lt	rt, Greim
E. Grayson, le	re, Gayle
Whittle, F. Grayson, qb	qb, Sermon
Boles, Whittle, rhb	lhb, Jouannet
Pond, lhb	rhb, Drew
Weeks, fb	fb, Thorne, Taylor

Score—M. A. C. 6, Springfield 6. Touchdowns—Pond, Thorne. Referee—Carpenter of Worcester. Umpire—Dorman of Columbia. Head linesman—McGrath of Boston. Time—15 minute periods.

Summary of game:

	M. A. C.	Springfield.
First down	8	10
Forward Passes attempted	6	4
Succeeded	3	1
Distance gained	37 yards	20 yards
Intercepted	2	1
Punts (number)	8	7
Ave. distance	34 yards	25 yards
Total runback	39 yards	27 yards
Penalties	3	5
Total yards	15	35
Touchdowns	1	1
Field goals attempted	1	2
Succeeded	0	0

Director J. S. Jones of the Idaho experiment station spent a short time inspecting the M. A. C. experiment station recently.

PLANS FOR ANNIVERSARY

[Continued from page 1]

Wednesday, Oct. 10, an invitation has been extended to the American Association of Agricultural Colleges and Experiment Stations to meet in Springfield and to especially spend this day at the college, during the morning of which the future of the land grant colleges will be considered. Following this a luncheon will be served, after which it is expected that one of the most prominent men in the country will give an address at the outdoor mass meeting. A second performance of the Pageant will follow this address.

It is expected that a history of the college will be in book form by the time of the Anniversary, as it is well under way at the present, and the compilation of the bibliography of books and pamphlets prepared by the members of the Faculty, both past and present, and the Alumni will also be ready for circulation.

Mr. Wm. C. Langdon, master of the pageant, which will doubtless be one of the outstanding features of the celebration, will arrive in Amherst early in December for the purpose of taking up active work in its organization. He will remain in Amherst until his work is completed next October.

The celebration will be such that it will hold no meager place in the annals of Aggie's history, which justifies the slogan, "Every Alumnus back in 1917."

JOHN KENDRICK BANGS

[Continued from page 1]

counted on to make everyone who is privileged to hear him, remember the day with delight.

Specialists in
Students' Needs

FOR generations we have served the college men and students of all New England and we know their requirements.

Our stocks of Student Clothing, Haberdashery, Shoes, Athletic and Sporting Goods, Jewelry, Rugs, Desks and Books are complete and moderately priced.

Sole Agents in Boston for the justly famous

Society Brand Clothes

Free delivery to Amherst of any purchase—large or small.

JORDAN MARSH COMPANY
Boston

Dr. L. O. Whitman
21 Pleasant St., Amherst, Mass.
Office Hours: 1-3, 7-8 p. m. Sunday and other hours by appointment.

Croysdale Inn
SOUTH HADLEY, MASS.
Thanksgiving Dinner—1 P. M.
TABLES RESERVED.
Telephone 2628-W. Holyoke.

Cox Sons & Vining
72 Madison Ave., New York

Caps
Gowns
Hoods
for all Degrees
ROBES FOR JUDICIARY, CLERGY AND CHOIR

RAHAR'S INN
Northampton, Massachusetts
EUROPEAN PLAN
The Best Place to Dine
All Kinds of Sea Food
Special luncheon from 11-30 to 2 p. m.
—A la carte service—
6-30 a. m. to 11-30 p. m.
R. J. RAHAR, Prop.

Eyes Examined
Glasses Furnished
OSCAR L. McCULLOCH
54 Suffolk St. Holyoke, Mass.

FLEMING'S SHOE STORE
Northampton

FLOWERS AND PLANTS
Grown by the Floricultural Dept.
We offer our surplus stock of cut flowers and plants at reasonable rates to students and faculty. This stock is grown in modern houses under ideal conditions. Roses, carnations, violets, chrysanthemums and sweet peas in season.
GROWN ON THE CAMPUS
Telephone 300

The "Nonotuck"
HOLYOKE'S LEADING HOTEL
Club Breakfasts, 25c to 75c
Business Men's Luncheon, 60c
Sunday Table d'Hote Dinner, $1.25
GORHAM BENEDICT, Mgr.

WEEKS CHOSEN TO PILOT FOOTBALL TEAM OF 1917

Has Played Fullback for Two Years. Chapman Manager. Seventeen Letter Men.

Roger W. Weeks was elected football captain at the annual banquet in the Cooley Hotel, following the Springfield game Saturday.

Captain-elect WEEKS

Weeks "prepped" at Hyde Park High School but played no football there. He was in a few games during his freshman year at M. A. C. Last year he won his "M" as fullback, in which position he was the star of many games. He is president of the junior class, and a member of the Kappa Sigma fraternity. The team will be managed next year by John A. Chapman '18 of Salem.

Manager-elect CHAPMAN

The 17 men winning a football "M" this season are as follows:

1917
Emory E. Grayson, Milford
Robert S. Boles, Dorchester
Harry Higginbotham, Taunton
Charles H. Hagelstein, Dorchester
Walter A. Mack, Springfield
John M. Sauter, Turners Falls
Francis G. Edwards, Beverly
Richard L. Holden (mgr.), Haverhill
James H. Day, Hatfield

1918
Roger W. Weeks, Hyde Park
Robert P. Holmes, Wakefield
Oliver C. Roberts, Roxbury
Lewis W. Spaulding, So. Hingham
Forrest Grayson, Milford
William I. Goodwin, Haverhill

1919
Clarence P. Whittle, Jr., Weymouth
Allan L. Pond, Holliston

SOPHS DEFEAT FRESHMEN IN INDOOR RIFLE MATCH

The sophomore class continued its excellent indoor rifle team success of last year by defeating the freshmen in an exceedingly close contest, shot during Friday and Saturday, by the score of 488 to 487. As far as actual scores are concerned the results are below those of the past year, due to a different method of centering the targets, but the match was none the less interesting, being in doubt until the final score of the first five high men of teams of ten were totaled. The winning team and manager are eligible for class numerals.

Summary of points:

1919	
Callanan, V. de P.	99
Taylor, E. B.	98
Mattoon, C. G.	97
Stafford, I. B.	97
Peck, G. N.	97
Total	488
1920	
Hamlin, H. W.	99
Stiles, W. B.	98
Holloway, J. W.	97
Webster, M. F.	97
Ware, M.	96
Total,	487

BASKETBALL

[Continued from page 1]

Real basketball practice will start Dec. 4, with the following schedule: Monday afternoon at 3-30; Tuesday at 3-30; Wednesday evening at 8-00; Thursday afternoon at 5-00; Friday at 3-30 and Saturday at 2-00. The position of captain is open. He will probably be elected some time in January. Basketball suits, made to measure, are expected after Thanksgiving. The court will be lined out and part of the ceiling removed during the week end.

There will also be a freshman team with an outside schedule. The first freshman practice was held Monday evening with about 15 men out. A freshman training table will be started after Thanksgiving.

Interclass basketball will be continued as in former years. Each week a list of men for the varsity and freshmen squads will be posted. All men not on this list will be eligible for the interclass games.

ONE OF CAMPION'S COLLEGE STORES

We are sole agents for the Reversible Collar Campion Custom Made Shirts, made especially for college men, from **$1.50** to **$6.00.**

Crofut & Knapp, also Chase of New Haven Hats, from **$3.00** up.

THE ENGLISH AQUASCUTUM COATS

Ready-to-wear Clothes for young men from Atterbury System-Fifth Ave., from **$22.00** up.

Made-to-your-measure Clothes, from **$25.00** up.

Mr. Campion personally superintends to fitting in this department and is an expert in the business.

ONE OF THE BEST CUSTOM TAILORING DEPARTMENTS IN THE STATE

ONYX HOSIERY MARK CROSS GLOVES KNOTHE BELTS

CAMPION'S COLLEGE STORE At Amherst

—Come to us for—

Fireplace Goods, Coat and Trouser Hangers

Ever Ready Flash Lights and Paint

Clothes and Shoe Brushes

Anything in Hardware and Cooking Utensils

Always glad to see you.

THE MUTUAL PLUMBING & HEATING CO.

BURPEE REGISTERED W A B TRADE MARK The Seal of Quality

Burpee's Seeds Grow

FOR forty years we have rendered faithful service. For forty years we have tried to make each year's service more nearly ideal. This untiring effort has built for us not only The World's Largest Mail Order Seed Business, but also a World Wide reputation for Efficiency and undisputed leadership. The Fortieth Anniversary Edition of **Burpee's Annual,** *the* **"Leading American Seed Catalog"** is brighter and better than ever. It is mailed free. A postcard will bring it.

W. ATLEE BURPEE & CO., Seed Growers,
Burpee Buildings Philadelphia.

Page's Shoe Store
Largest Stock—Lowest Prices
Expert Repairing—Best leather used

JACKSON & CUTLER
—DEALERS IN—
Dry and Fancy Goods and Choice Family Groceries

THE MASSACHUSETTS COLLEGIAN

Published every Tuesday evening by the Students of the Massachusetts Agricultural College.

BOARD OF EDITORS.

RICHARD W. SMITH '17, Editor-in-Chief
MARSHALL O. LANPHEAR '18, M'ging Editor
MILFORD R. LAWRENCE '17, Assistant Editor
WILLIAM SAVILLE, JR. '17, Alumni Editor

ASSOCIATE EDITORS.

JOHN T. DIZER '17
JOSEPH F. WHITNEY '17
FRANK J. RINKS '18
NATHAN W. GILLETTE '18
ELIOT M. BUFFUM '19
MYRTON F. EVANS '19

BUSINESS DEPARTMENT.

MERRILL P. WARNER '17, Business Manager
JAMES C. POWELL '18, Assistant Business Manager
BIRGER R. ROSEQUIST '18, Advertising Manager

Subscription $2.00 per year. Single copies, 8 cents. Make all orders payable to Merrill P. Warner.

In case of change of address, subscribers will please notify the business manager as soon as possible.

Entered as second-class matter at the Amherst Post Office.

Vol. XXVII. Tuesday, Nov. 28. No. 9

THE COLLEGIAN board regrets to announce the resignation of Edward N. Mitchell '18 who has left college. Mr. Mitchell has been one of the associate editors since March of last year. The vacancy created by his resignation will be filled from eligible members of the class of 1918 entered in the present competition.

WHEN a team working under new coaches and handicapped by the loss of nine letter men can come through with the record which ended Saturday at Springfield, Aggie men everywhere can well afford to feel proud of the old college. A mere comparison of games won and lost, of points for and against, fails utterly to show the real gameness of the players under staggering odds. Harvard, Dartmouth, Cornell—these are three which few colleges of Aggie's size even dared to face, to say nothing of their ever having any hopes for victory. It takes a team of real sportsmen to lose gracefully and come up all the harder for the next game. We turn back to thank Dr. Brides for that spirit of sportsmanship which he instilled into Aggie men for four years and which still lives stronger than ever. To the Aggie coaches who took up the job where he left off and carried it to such a successful conclusion we extend the thanks of a grateful student body.

TRACK PRACTICE

Manager Flint '17 of the track team has issued a call for candidates for indoor practice to start Dec. 12. A tentative program of meets has been arranged, as follows: Rhode Island State, W. P. I. at Worcester, Trinity at Hartford and New Hampshire State.

CAMPUS CALENDAR

[Notices for this column should be dropped in at the COLLEGIAN office or handed to Nathan W. Gillette '18 on or before the Monday preceding each issue.]

TUESDAY, DEC. 5

6-30 P. M.—Glee Club rehearsal, Old Chapel.

6-30 P. M.—Orchestra rehearsal, Social Union.

WEDNESDAY, DEC. 6

6-45 P. M.—Mandolin Club Rehearsal, Social Union.

7-00 P. M.—Agricultural Economics Club, Room B, Clark Hall.

COMMUNICATION

TO THE EDITOR OF THE COLLEGIAN:

The writer, who has expressed very few ideas publicly during his first three years of college life, but who has spent considerable time in studying certain phases of that college life of which he has been a part, thoroughly agrees with the statements made in the editorial in last week's COLLEGIAN concerning the existing order of things relative to fraternity life and the mission of the Commons Club. Having in mind the same possible solution of the problem referred to in that editorial, he would like to apply it to other problems which are confronting us today.

The writer is a non-fraternity man, but, one who feels that he understands in a measure at least, the ambitions and present goals of the fraternities. He bases this statement on actual conversations with fraternity men. If his observations are untrue, he is perfectly willing to stand corrected.

Since the object of this communication is to suggest a better form of student government, it would be well to review briefly the seeming limitations of our present system. First, a couple of criticisms of the Student Senate, which one hears quite often in small groups but never in the Forum. Looking back over a series of Senate elections, the writer has heard it said that certain men had become members of the Senate as an appreciation for services rendered on the athletic field or in other lines of college activities. This could be interpreted to mean that perhaps the Senate was slowly becoming a sort of honorary fraternity or Junior and Senior society and not the Student Governing Body. Still others have said that the Senate does assert itself as much as should become such an institution. There must be some reason for this—either it is "sour grapes" or else the conditions stated must actually exist.

Today an organization feels proud to have among its numbers a member of the Senate; if it has not, "something must be wrong." Following out the sentiment of the suggestion in the editorial, each element would be recognized, each element would be duty bound to send those men who would be frank, who would have the courage of their convictions, and who would always have at heart the best interests of Old Aggie.

If it can be intimated that we are tending toward self-government, then perhaps these thoughts will help to usher in the time when it will prevail. The writer would suggest in closing that it might be well to let the senior honorary societies recognize a man's capabilities of leadership and superiority in college activities but let the men who know each other best choose their representative to that body which should create public opinion and enact such legislation as will make for a bigger, better and more democratic Aggie.

D. O. M.

ALUMNI COACHING SYSTEM HAS WORKED SUCCESSFULLY

Team Has Done Well Under Hard Schedule. Two Wins, Two Ties, Four Defeats.

With the beginning of the football season of 1916, there was inaugurated at Yale, as head line coach, a man who had striven for four years to put an Aggie team in its proper place in the football world—Dr. Brides. He succeeded. And having kicked his goal he went off to seek bigger work, leaving the Aggie team to Aggie coaches. The work he left was bigger to them than his new undertaking was to him. With his going most of the team's shining lights went, too, and left but four "M" men around which to build another team. Such was the proposition staring in the face Melican '15, Palmer '16, and Perry '16, the alumni coaches this fall.

Doubting Thomases were occasionally found, but as a whole the students supported the new system whole-heartedly. Out of raw material the coaches whipped into shape an eleven, "a new team, the child of a new coaching system," as one of the dailies pertinently remarked, which knew how to fight, to win, and lose, like men. Yet, they were beaten, and badly too. But who were the victors? Dartmouth, Harvard, Cornell—colleges with a student body of from three to five times as large as that of M. A. C., from which to select eleven men; colleges in which an old and tried coaching system was established; colleges represented by a considerable number over four veterans. But whoever saw the Aggie spirit and grit come to the surface under overwhelming odds in the Dartmouth game and watched the Aggie men take their punishment is proud of the 1916 eleven.

M. A. C. had no trouble defeating Connecticut Aggies or Worcester Tech. Of course they were comparatively easy, but are they not colleges of our own size? Imagine Williams, or any other similar college in New England facing, with new coaches and only four veterans, a football schedule on which appear such a combination as Dartmouth, Harvard, Cornell, Tufts.

Harmony

It has become a point of good fellowship, and he that will refuse to take a pipe of tobacco among his fellows is accounted peevish and no good company.

See the

Harmony Keg of Good Fellowship

—at—

HENRY ADAMS & CO.

The REXALL Store

INDISPUTABLE PROOF OF THE BETTER QUALITY OF DE LAVAL SEPARATED CREAM

The most important of all butter-scoring contests are those that take place at the National Convention of the National Buttermakers' Association, held in recent years in conjunction with the National Dairy Show. The first prize winners at every Convention of the Association since its organization in 1892 have all been De Laval users.

Such evidence of the superior quality of cream produced by the De Laval Cream Separator no cow owner can consider ing the purchase of a cream separator can afford to overlook.

To produce high grade butter you must have a fine quality of cream and to get the best cream you must have a De Laval Cream Separator.

THE DE LAVAL SEPARATOR COMPANY

165 BROADWAY, NEW YORK — 29 E. MADISON ST., CHICAGO

For Greatest Satisfaction Use DOUBLE SERVICE Automobile Tires

Guaranteed 7,000 Miles Service

Absolutely Puncturepoof

Double Service Tires are made double the thickness of the best standard make tires.

This 100% greater wearing surface naturally gives this much more mileage and service. The average of 12 miles of tough tread and one inch surface tread rubber makes these tires *absolutely puncturepoof.*

These tires excel all others for use in the country over rough and rugged roads as well as on hard pavements. They are as easy riding and resilient as any other pneumatic tire—the air space and pressure being the same.

They are the most economical and "care free" tires made and are used where tires must be depended on and tire troubles cannot be tolerated. Many *Double Service* style tires are in use in the U. S. government and European War service.

Our output is limited to a certain amount, but for a short time we offer the following reduced special prices as an introductory Offer:

PRICES

Size	Tires	Tubes	Size	Tires	Tubes
30x3 in.	$ 8.00	$ 2.00	36x4 in.	$17.15	$ 6.05
30x3½ in.	10.05	3.10	36x4½ in.	21.70	7.45
32x3½ in.	12.75	3.95	36x5 in.	22.05	4.50
34x4 in.	15.15	4.70	37x5½ in.	33.00	8.35
34x4 in.	16.10	4.85	40x5 in.	36.00	6.05

All other sizes not included in above list also furnished. Non-skids as 10% additional.

Terms: Payment with order at above special prices, a 5% discount allowed on orders for two or more tires. All personal checks must be certified.

Try these tires now and be convinced of their very high qualities. Sold direct to the consumer only.

Descriptive folder upon request. Write for it.

Double Service Tire & Rubber Co., Akron, O. Dept.

Then the Springfield game. Before M. A. C. went down to that city the papers had the Training School beating them at least 20-0 in the first half. The game ended in a 6-6 tie. Newspapers came out with remarks such as "another surprise to old man Dope," "Springfield is lucky to get away with six points," and the like. The old man Dope mentioned was no relative of "the sod-busters, by hickory!" They knew there would be no such score as prophesied.

During the season M. A. C. lost four games, tied two, and won two. They scored 25 points against their opponents 180. Dartmouth made 62 and Harvard 47 of these. Aggie loses according to points. However, there are two lines in an old poem which go like this:

"It isn't the fact that you're licked that counts,
But how did you fight, and why."

A few short summary expressions may serve to refresh the memory. Connecticut Aggie game—"M. A. C.'s goal line never in danger;" Dartmouth game—"M. A. C. outclassed;" Harvard game—"M. A. C. fought gamely and Harvard often forced to kick;" W. P. I. game—"W. P. I. outplayed in hard fought game;" Tufts game—"Tufts wins on forwards, Aggie's defense excellent;" Williams game—"M. A. C. outplay Williams, but are forced to a 0-0 tie on 100 yards penalty;" Cornell game—"Aggies come back in second half with surprising strength;" Springfield game—"Springfield is lucky to get away with six points." Not bad at all.

In brief the results of the season are as follows:

M. A. C.	12	Conn. Aggies	0
"	0	Dartmouth	62
"	0	Harvard	47
"	7	W. P. I.	0
"	0	Tufts	28
"	0	Cornell	37
"	6	Springfield	6
Total,	25		180

SUNDAY CHAPEL

Mr. Fred B. Smith of New York Sounds Keynote of Success.

"The difference between success and failure in man is the difference between accent," was the main thought of Fred B. Smith of New York city at Sunday chapel. Those of slow mentality and lack of social ambition will make a success by emphasizing important things while one whose character is breaking down, fails.

The time has come when the man of superb character pushes to the front, for in these days doubtful principles kill in the strain of opportunity and triumph and with it vanishes genius. Strength of mind and motive is rooted in religion of which we should not be afraid for we owe everything on earth to God and it is our duty to pass things on a little better than we received them.

WASHINGTON CLUB DINES

Dr. E. W. Allen '85 Toastmaster. President Butterfield Discusses 50th Anniversary.

In connection with the Washington meetings of the Association of American Agricultural Colleges and Experiment Stations and related organizations, the M. A. C. Club of Washington held a dinner at the Hotel Ebbitt on the evening of Nov. 16. Dr. E. W. Allen '85 acted as toastmaster.

President Butterfield discussed a number of aspects of college life, especially the proposed 1916 celebration of the 50th anniversary. He urged all alumni to make a special effort to be present.

Profs. Brooks and Foord and Pres. ident W. E. Stone '82 also spoke briefly.

The greetings of the club were extended to the Washington Club of the Michigan State Agricultural College, which was giving a dinner in honor of the visiting alumni.

Those in attendance were as follows: President Butterfield, Profs. Brooks '75, Foord and Paige '82, and P. H. Smith '97 from the college; W. B. Beal, honorary member; Dr. J. L. Hills '81; Pres. W. E. Stone '82; Dr. E. W. Allen '85 and Mrs. Allen; Prof. F. S. Cooley '88; Dr. B. L. Martwell '89; R. P. Sellers '89; G. A. Billings '95 and Mrs. Billings; Dr. W. A. Hooker '99; J. W. Kellogg '00; H. L. Knight '02 and Mrs. Knight; W. V. Tower '03; G. T. French '06; H. V. Baker '11 and Mrs. Baker; H. V. Clay '14; and A. H. Russell '14.

ENTOMOLOGY DEPARTMENT OFFERS NEW COURSES

The change of schedule in force for the first time this year, by which arrangement the sophomores are able to begin the study of entomology a year sooner than was possible under the former, makes it possible for the department to offer to the upper class men courses which have heretofore been left to graduate work. The proposed courses which enter the curriculum next year, and which will be given in a small way to the present seniors, are insect photography, identification of larvae, and a course in forms related to insects. Under the latter course will be given study of forms such as mites, ticks and closely allied forms which do not properly come under a classification of insects, but with which the practical man should be familiar.

Mr. Alfred F. Muller '12 of the office of John Nolen, Landscape Architect, Cambridge, Mass., is now acting manager of the Kenosha Homes Company of Kenosha, Wisconsin, and is interested in a striking real estate development at that place. The work is fully explained in an article by Mr. Fuller in a recent number of *The American City.*

ECONOMICS MEETING DEC. 6

A regular meeting of the Economics Club was held Wednesday evening in Clark Hall with "Farm Labor" as the main topic of discussion. Creditable and instructive ten minute talks were given by S. S. Smith, H. B. Millard, F. M. Gifford and T. E. Carter who respectively combined the subject with fruit, general farming, effect of immigration, and dairying, discussing their topics along the lines of total labor required, distribution over the year, type of labor, wages, and accommodations. The next meeting will be held Dec. 6, at 7 P. M. in Clark Hall when Mr. Rutledge of the economics department will give, through the courtesy of the American Harvester company, an illustrated lecture on the "Development of American Agriculture."

CUPS AND MEDALS AWARDED

Judgers Again First at Brockton.

The stock judging team which represented M. A. C. at the Brockton Fair and National Dairy show in Springfield this year were presented with cups they won at these places in the Wednesday assembly, Nov. 24. Gold medals were also given Charles H. Clough '17, of Dedham, and Samuel V. Noyes '17, of Georgetown, as first prize judges at Brockton.

In the COLLEGIAN of Oct. 10 it was stated that this year was the first time in history when an Aggie team has won first prize at Brockton. This statement is not strictly in accordance with the facts, and in fairness to Professor McLain and the members of the team it should be noted that M. A. C. won first place at Brockton fair in the fall of 1914. The team at that time included Philip F. Whitmore, E. Samuel Moberg, and Russell W. Harvey, of the class of 1915.

CONFERENCE ON MARKETING

Of the most vital concern will be the fourth National Conference on Marketing and Farm Credit at Chicago Dec. 4th to 9th when over two million American farmers, live and dairy stock producers and feeders will be represented by delegations. This year's conference is to be particularly devoted to a discussion leading to a solution for checking the billion dollar agricultural loss especially in the grain market and also to the working out of the next definite steps in rural credit legislation.

"BIDE-A-WEE"

Creamed Chicken and Waffles

Our specialty—And other good things to eat.

MRS. L. M. STEBBINS,
Middle Street, Hadley, Mass.
Tel. 415-W

UNITY CHURCH

NORTH PLEASANT ST.

A Church home of the liberal Faith, where every student will meet with a cordial welcome.

REGULAR SUNDAY SERVICE AT 7 P. M.

THE
United States Hotel

Beach, Lincoln and Kingston Sts., BOSTON, MASS.

Only two blocks from South Terminal Station, and easily reached from North Station by Elevated Railway, and convenient alike to the great retail shops and business centre, also to the theatres and places of interest.

European Plan $1.00 per Day and Upwards

Table and service unsurpassed. Booklet and map sent upon application.

TILLY HAYNES, Proprietor — JAMES C. HICKEY, Manager

WEBSTER'S STUDIO

Everything in Photography

GROUPS A SPECIALTY

Good work speaks for itself.

NASH BLOCK, AMHERST, MASS.

AMHERST BOOK STORE

Note Books — Fountain Pens

Agents for Rex Typewriter

F. M. CURRAN — C. F. DYER

MARSH'S SANITARY

Students' Furniture

RUGS AND CARPETS

—E. D. MARSH ESTATE—

ESTABLISHED 1802

STEPHEN LANE FOLGER, Inc.
MANUFACTURING JEWELERS
180 BROADWAY, NEW YORK

CLUB AND COLLEGE PINS AND RINGS

GOLD, SILVER AND BRONZE MEDALS

—JOIN THE BUNCH AT—
EPSTEIN'S TAILORING PARLORS

Now located over post office. Up one flight

Pressing and Cleaning a Specialty

Liberal Ticket System — Tel. 9-M

College Stationery

With Class Numerals.

Magazines, Newspapers and Fountain Pens

A. J. HASTINGS

Newsdealer and Stationer

Gallup at Holyoke

293-297 High St.

—SELLS—

Hart Schaffner & Marx Clothes

Come down to Holyoke and see our big store.

S. S. HYDE
JEWELER & OPTICIAN
13 Pleasant St.
Oculists' Prescriptions Filled. Broken Lenses Accurately Replaced. Fine Watch Repairing Promptly and Skilfully Done.
Satisfaction Guaranteed

E. B. DICKINSON, D.D.S.
DENTAL ROOMS
Williams Block, Amherst, Mass.
Office Hours 9 to 12 a. m., 1:30 to 5 p. m.

The Highland Hotel
Corner of Hillman and Barnes Streets, three blocks from the Union Depot, is a modern hostelry run on the European Plan. It is just a step from Main Street, away from the noise and dust and yet in the center of the business district.
Its rooms are well furnished and comfortable, having a telephone and hot and cold running water in every room. Prices $1 and up; rooms with bath (single) $1.50 and up.
Its excellent cuisine and well ventilated dining room makes a meal a pleasant memory—everything of the highest quality, well cooked and served in the best possible manner.
Stay at the Highland Hotel once and you will anticipate staying there again. Music every evening.
D. H. SIEVERS,
Highland Hotel, Springfield, Mass.

WHITE'S MUSIC STORE
HENRY K. WHITE
241 MAIN STREET, NORTHAMPTON
Mandolins, Genuine Hawaiian Ukuleles, Picks, Strings, etc., and music for all instruments and all voices. Instruments may be had on trial.

The Holyoke Valve & Hydrant Co.
Jobbers of Wrought Iron and Brass Pipe, Valves and Fittings for Steam, Water and Gas. Asbestos and Magnesia Boiler and Pipe Coverings. Pipe Cut to Sketch, Mill Supplies. Engineers and Contractors for Steam and Hot Water Heating, Automatic Sprinkler Systems, Boiler and Engine Connections. Holyoke, Mass.

BECKMAN'S
Candies and Ice Cream
"HAMP"

Seniors and Juniors
Now is the time to buy those
FILING CASES
For your Bulletin.
Johnson Book Co.
BARRITT WOODWORTH
Alpha Sigma Phi House.

Batchelder & Snyder Co.
PACKERS AND POULTRY DRESSERS
WHOLESALE ONLY
Beef, Mutton, Lamb, Veal, Pork, Hams, Bacon, Sausages, Poultry, Game, Butter, Cheese, Eggs, Olive Oils.
Blackstone, North and North Centre Streets,
BOSTON, ... MASS.

F. A. SHEPARD
MEN'S STORE
Shoes Hats Furnishings
Local Agent for
E. V. PRICE CO., LAMM CO., BROWNING, KING & CO.,
Custom Tailors
OUR DISCOUNT TICKET SAVES YOU 5%

Carpenter & Morehouse,
PRINTERS,
No 1, Cook Place. Amherst, Mass

:: PATRONIZE AN AGGIE MAN ::
Suits Cleaned and Pressed
SATISFACTION GUARANTEED
LARRY GAY, PROP. REAR OF AGGIE INN

TO PLAY MICHIGAN AGGIE

Negotiations on for Game with M. A. C. at Opening of Anniversary Week.

Professor Hicks left Sunday for Michigan Aggie where he will negotiate with the football association of that college for a place on their schedule next fall. If plans go through the game will be played on Alumni field, Monday, Oct. 8, 1917. This will be pushed as an intersectional contest similar to that between Michigan and Syracuse. It will be the big attraction on the opening day of the 50th anniversary. If a date cannot be arranged with M. A. C. Professor Hicks will enter into negotiations with Penn State for a game on that date.

OSTROLENK '11 DIRECTOR OF NATIONAL FARM SCHOOL

An example of one of our most successful and progressive alumni is illustrated by Mr. Bernhard Ostrolenk of the class of 1911. A Russian by birth he prepared at the National Farm school at Doylestown, Pa. coming to M. A. C. from there. Upon graduation he became professor of agriculture at the Canby State high school in Minnesota where he has done much to inspire better farming methods both among students and farmers and was looked upon by the agricultural department as a most valuable asset to the community. December 1 he begins duties as Director of the National Farm school, an institution for the education of boys along agricultural lines and from which he himself graduated but a few years ago.

1913 NOTES

Joseph A. Macone, the gentleman farmer from Concord, attended the Springfield game and visited college Sunday. "Shorty" was driving his new Mercedes.

"Norm" Clark also paraded up and down the sidelines Saturday. Paul Serex "fussed" the game and Allister F. McDougall managed to leave his milk experts long enough to be on hand.

"Dad" French of Charlescote Farm, Sherborn, one of the few Thirteen men who is still single has no claims on the matrimonial title, thus he writes.

The Editor of the Thirteen Notes would like to receive a few advanced notices from some of yon old has beens. What do yon say, Thirteen, a little news.

SEEN ON THE CAMPUS

Quite a number of old Aggie men were visitors on campus after the Springfield trip. Among those who were here are the following: "Heinie" Walker '16, "Herb" Walkden '16, "Jim" Nicholson '16, "Skinny" Rogers '15, "Bill" Brazil '16, "Jack" Hutchinson '14, "Charley" Moses '16, "Ty" Rogers '16, "Sam" Bartlett ex-'19, Parker '14, Sears '15, Huntington '16, "Babe" Nash '16.

BISHOP DAVIES TO SPEAK

The speaker in Sunday Chapel, Dec. 3rd, will be Bishop T. F. Davies of Springfield. He received his B. A. from Yale in 1894, and his M. A. degree in 1907, while the degree of D.D., was conferred upon him by Amherst in 1912. He has been connected with churches in New York, Norwich, Conn., and Worcester. On May 10, 1911, he was elected Bishop.

PITTSBURG LECTURES

Miss Goessmann to Give Series of Talks on Cultural Subjects.

Miss Helena T. Goessmann of the English department has accepted the invitation of 100 college women of Pittsburg, Pa. to give a series of three morning lectures. On Wednesday, Nov. 29 at 10-45 A. M. she speaks on "The Play." Her subject for Friday morning "The Quill" and on Saturday "The Spoken Mind." During the last 12 years Miss Goessmann has been in much demand as a lecturer having spoken on educational and cultural subjects in 21 states of the Union. The course she gives in Pittsburg is entirely nonsectarian and is the same as the special lectures under the Massachusetts University Extension.

CATTLE DISEASE REPORT

A special report on the diseases of cattle has just been received by the library. This book is written by the Bureau of Animal Industry of the United States Department of Agriculture. The book contains 568 pages, is well written and deals with all the diseases of cattle. It is illustrated by 49 photos, many of them colored, and 29 cuts. The book was first published in 1892 and was revised and reprinted this year by an act of congress. One hundred thousand volumes have been prepared for distribution, and any one may secure a copy by writing to his congressman or senator.

NEW EXTENSION AGENT IN CHARGE OF PIG CLUB WORK

A. V. Rice of Raleigh, N. C. has been appointed agent in charge of the Pig Club Work under the direction of the extension service of the Massachusetts Agricultural college. Mr. Rice was brought up in Cleveland, Ohio, and has attended the North Carolina Agricultural college, where he is about to graduate.

Mr. Rice will succeed Eric N. Boland, who is resigning to accept an attractive position with the Quaker Oats company.

SPECIAL TRAIN SCHEDULE

To accommodate those who are going home for Thanksgiving, the special train leaves the C. V. station Wednesday at 1-00 P. M. for Boston. It will return from the South Station, Boston, at 8.45 A. M. Friday.

1916 NOTES

"Question here." Shall the first reunion of the class of 1916 be held in June or October 1917. All 1916 men should be considering the question of the date of this first reunion. Suggestions, ideas and arguments should be sent to the class secretary.

The following 16 men were in Springfield after the game Saturday: Mattoon, Potter, Walkden, Plaisted, Hall, Rogers, Ray, Brazil, Hart, Huntington, Fernald, Murphy, Palmer, Perry, Moses, Nicholson, Jones, Walker and Gould.

Howard Kelley is assistant in the Department of Chemistry. Strangers on the campus may be interested to know that Kel is working in one of the few surviving examples of mediaeval architecture in this country.

Sid Haskell is working with his father on the home farm in Northboro. (Notice to proof-readers: For the love of Mike don't leave out that with.)

R. Alson Mooney is farming on the eastern front in Plattsburg, N. Y., according to persistent rumors. Squeeze a verification of this past the censors, will you, Doc?

Charlie Moses is helping to run his father's farm in Ticonderoga, where Mr. Moses owns about 1300 acres. The manager of last year's team came all the way to Springfield to see the eleven in action Saturday.

Some insight into the reasons for the exorbitant expense of existence may be gleaned from Sax Clark's last letter from his office in the Maine Fruit Growers' Exchange. "This concern is something like Doc Cance's pet, The California Fruit Exchange. I am working with the manager who is a 'live wire' in the apple game. Many of the apples are to be *exported* (the italics are ours) so we cable direct to London and Liverpool our instructions for sales."

George Ray has returned to the campus for advance study in microbiology and is an assistant in the department.

When interviewed by a 1916 reporter in their luxuriously appointed suite in the U. S. Hotel, they were non-committal and refused to give out any statement. It was learned from other sources, however, that they are at present on a still hunt and following a warm trail. Gossip overheard in the lobby was to the effect that they are six-eyed moth sleuths in the employ of Dr. Fernald, State Nursery Inspector. Reference to the register was made as a last resort and the names of Dick Potter, Pete Mattoon, Dwight Barnes and Walker, Babe Nash, and Reg Hart were discovered. The constant necessity for following new clues makes the addresses uncertain, but for the next few weeks they may be reached in care of Mr. R. H. Allen, State Board of Agriculture, State House, Boston.

There was a football game Saturday in Springfield, and Perry and Palmer were largely responsible for the great game Aggie played. Other '16 men who were on hand with a big boost are Fernald, Hall, Huntington, Moses, Murphy, Potter, Plaisted, Ray, Rogers, Walkden, Gould, Jones, Mattoon, Fisher, Selkregg and Walker.

EXAMINATIONS ANNOUNCED

Professor Hasbrouck announces that the final examination schedule will be posted during the first week after Thanksgiving. Last year's system will be enforced, each professor averaging recitation grades with the final examination mark to determine the course grade. Freshmen should not forget that entrance conditions should be passed off at the condition examination date in the first week of January.

TO BUILD HOCKEY RINK

Work was begun last week on a new hockey rink in the northwest corner of Alumni field. The playing surface is to be 180 feet by 90 feet. In order to insure a better rink than last year, the boards are to be sunk in the ground about 10 or 12 inches. This will prevent the melted ice from running off when the sun strikes the rink. This is in accord with the latest ideas for building outside hockey rinks.

ATTEND FRENCH DRAMA

Prof. MacKimmie's class in senior modern French drama attended the performance of "Le Monde ou l'on s'Ennuie," a satire on modern French life, by Edouard Pailleron, which is given by the Theatre Francais Company at the Academy of Music this evening.

MATHER IN ENGLAND

Fred Mather ex-'17, who enlisted as an officer in a Canadian regiment last year, is now in England. He has been in several training camps studying trench warfare and expects to cross over into France very soon.

ALUMNI NOTES

'88.—Fred S. Cooley, director of Montana agricultural extension service, was on the campus last week, coming here from a meeting of directors in Washington. Director Cooley was formerly superintendent of the M. A. C. farm and later assistant professor of agriculture.

'04.—Prof. M. F. Ahearn has recently been appointed landscape gardener specialist on the newly formed State Planning board of Kansas.

'14.—M. D. Lincoln of Brockton was on the campus recently. Lincoln is doing county agent work in connection with the Plymouth County Trust company of Brockton. Harold Aiken '16 of Millis, is working under Lincoln.

JUST A TIP!

This year it's Sheepskin-lined Coats that have a clear field. Be sure you have yours before the "big" game; you will look "right" in one of these big roomy coats and you won't know what it is to be cold.

We have the largest line of these coats in the state and all we ask is an opportunity to show you the exceptional values that we are able to offer you. Ask the man who owns one.

Hart Schaffner and Marx Suits and Overcoats

SANDERSON & THOMPSON

School and College Photographers . . .
White Studio
LOCALLY: 52 Center St., Northampton, Mass., and South Hadley, Mass
MAIN OFFICE: 1546-1548 Broadway, New York City
These Studios offer the best skilled artists and most complete equipment obtainable

E. FRANK COE FERTILIZERS
The Business Farmer's Standard for Over 55 Years
RELIABLE AGENTS WANTED
Write to Local Agency Manager
THE COE-MORTIMER CO.
51 Chambers St., New York City

TO CIRCULATE BOOKS ON AGRICULTURAL SUBJECTS

Village libraries and people in rural communities may now enjoy all the advantages of the great mass of agricultural literature in the college library according to the arrangements made between Librarian Greene and the extension service. Upon request the college will send out small collections of books upon agricultural or allied subjects, to be circulated by the borrowing library. Only the latest and best material will be sent and the library will endeavor to comply as far as possible with the expressed wishes of the borrowers. Special libraries will also be made up, consisting of books and bulletins on special subjects, such as the marketing of fruit, poultry, cooperative societies, rural sociology, market gardening and home economics. Transportation charges will be paid by the borrower, but otherwise the books may be had without any expense on application to Charles R. Greene, librarian, Massachusetts Agricultural College.

SEED JUDGING CONTEST TO BE IN SPRINGFIELD

In connection with the show of of the Massachusetts State Board of Agriculture to be held in Springfield Jan. 10, 1917, there is to be a seed judging contest open to competition from all New England agricultural colleges. This contest has been held annually for two or three years and has been won by New Hampshire for two years. The three men, who constitute a team, judge seed corn, both flint and dent, seed and market potatoes, grass and seeds. Besides this they compete in the identification of grass and clover seeds. Secretary Wheeler of the State Board of Agriculture gives small cups to the individual winners and the agronomy professors are planning to give a cup to the winniug team.

EDITS POULTRY JOURNAL

Professor J. C. Graham of the poultry department is the editor of a new publication in the poultry world, a bi-monthly journal containing copies of the lectures delivered at the annual poultry convention. Although every year the Agricultural college has had numerous requests for printed copies of these lectures lack of funds made it impossible to publish them. Now the Massachusetts poultry society has taken the matter in hand and will furnish copies of the proceedings to all its members. The journal, which contains practical lectures by the most prominent poultry men in the United States, may be had at 20 cents a copy. Membership in the Massachusetts Poultry Association involves the paymant of a fee of $1 either to Charles H. Wood, secretary, 715 State Mutual Life building, Worcester, or Ralph Woodward, organizer, Grafton, Mass.

The Massachusetts Agricultural College

Offers courses of instruction in twenty seven teaching departments, which embrace the study of

Agriculture, Horticulture, Science, Humanities and Rural Social Science.

A student may specialize in the following subjects:

Agriculture, Agronomy, Animal Husbandry, Dairying, Poultry Husbandry, Rural Journalism, Floriculture, Forestry, Landscape Gardening, Pomology, Agricultural Chemistry, Agricultural Economics, Economic Entomology, Microbiology, Economic Botany, Agricultural Education, Rural Sociology

For complete catalog and illustrated booklet, write

KENYON L. BUTTERFIELD, PRESIDENT
AMHERST, MASS.

COLLEGIAN DIRECTORY

Associate Alumni,	C. A. Peters, Secretary
Joint Committee on Intercollegiate Athletics,	H. M. Gore, Secretary
M. A. C. Athletic Field Association,	C. S. Hicks, Treasurer
Non-Athletic Association,	H. E. Robbins, Manager
The College Senate,	L. T. Buckman, President
Football Association,	R. L. Holden, Manager
Baseball Association,	R. D. Hawley, Manager
Track Association,	O. S. Flint, Manager
Hockey Association,	M. R. Lawrence, Manager
Basketball Association,	N. Moorhouse, Manager
Rifle Club,	S. F. Tuthill, President
Roister Doisters,	A. F. Williams, Manager
Musical Association,	D. M. Lipshires, Manager
Nineteen Hundred Seventeen Index,	F. W. Mayo, Manager
Nineteen Hundred Eighteen Index,	K. L. Messenger, Manager
M. A. C. Christian Association,	D. O. Merrill, President
M. A. C. Catholic Club,	J. H. Day, President
Fraternity Conference,	L. T. Buckman, President
Stockbridge Club,	M. J. McNamara, President
Interclass Athletic Committee.	O. G. Pratt, Secretary

There are Seven Good Reasons why you should buy your

COAL
OF
C. R. ELDER

WOODWARD'S LUNCH

27 Main St., Masonic Bldg., Northampton, Mass.

Lunches, Soda, Ice Cream

Closed only from 1 A. M. to 4 A. M.

The Connecticut Valley Street Railway

From Amherst, via Northampton, through the Hatfields, past the foot of Sugar Loaf Mt., alongside the famous Bloody Brook battle ground to Old Deerfield, thence to Greenfield, Turners Falls and across the "Plains" to Lake Pleasant, Montague and Millers Falls.

50 Miles of Trackage—Modern Equipment—Train Dispatching System—Freight and Express Service over entire line.

Connecticut Valley Street Railway Company

Jacob Reed's Sons are the leading manufacturers of

UNIFORMS

For college and military schools, and have won and maintain their prestige by sheer merit. The uniforms worn at Massachusetts Agricultural College are finished examples of our product.

JACOB REED'S SONS.
Makers of "Gold Medal Uniforms."
1424-1426 Chestnut St., Philadelphia, Pa.

FOUNTAIN PENS

Moore's Swan's
Waterman's

Thirty-six dozen pens to select from.

—OUR RULE—
"Satisfaction guaranteed or money refunded."

DEUEL'S DRUG STORE

COLLEGE SHOES

We carry the largest stock in the state outside of Boston.

MODERN REPAIR DEPT.

E. M. BOLLES
THE SHOEMAN

CARS

Leave AGGIE COLLEGE for HOLYOKE at 15 min. past the hour.

CARS

Leave AMHERST for AGGIE COLLEGE at 7 and 37 min. past the hour.

Special Cars at Reasonable Rates

AMHERST & SUNDERLAND ST. RY. CO

THE PERFECT PARLOR
Cleansing Pressing Repairing
Quickest service, Best Work, Lowest Price
All work carefully done. Work called for and delivered. Gents' overcoats, suits, pants and coats. Ladies' fine linen suits a specialty
Teams will call every day at M. A. C.
WM. FRANKLIN, Prop
Rear Nash Bl'k, Amherst. Tel. No. 347-4

Amherst
CO-OP LAUNDRY
High-Grade College Work

Shirts,	10-15c
Collars,	2 1-2c
Cuffs,	2 1-2c
Plain wash,	48c per doz.
Same, rough dry,	30c per doz.

DRY CLEANING AND PRESSING
Steam Pressing 40c, 3 Suits for $1.00
Dry Cleaning and Pressing, $1.50 a Suit

All bills payable at Coop. Store and parcels left there will receive prompt attention.

GRAYSON '17, Agent
HIGGINBOTHAM '17, Asst. Agent

·THE·MASSACHUSETTS·COLLEGIAN·

MASSACHUSETTS AGRICULTURAL COLLEGE

Vol. XXVII. Amherst, Mass., Tuesday, December 5, 1916. No. 10

EIGHT CONCERTS WILL BE GIVEN ON CHRISTMAS TRIP

Musical Clubs Have Several Important Dates. Hotel Somerset Dance Feature of the Week.

For the musical clubs the Christmas trip comprises the most important collection of dates on record. There are eight concerts in all to be given during the trip.

Because of the shortened Christmas vacation it has been found necessary to take an addition of time in order to make the trip a financial success. Accordingly the musical clubs will begin their trip on Dec. 27th with a concert at the DeMolay Commandery Masonic Temple and finish at Falmouth, Cape Cod, Jan. 2nd, returning to Amherst on the third, two days after the beginning of the second term.

Without doubt the most important concert will be given at the hotel Somerset. Governor and Mrs. McCall have signified their intention of being guests of the clubs. Other patrons will be Mr. and Mrs. Walter K. Hutchinson of Arlington, President and Mrs. Butterfield of Amherst, Mr. and Mrs. E. A. Quincy of Allston, Professor and Mrs. H. E. Robbins of Amherst.

Manager Lipshires feels certain that with the good support the leaders have given in getting their respective clubs in shape, the season will be a big success. Besides the regular quartet and solo features there will be introduced both ukulele and banjo-mandolin quintets. The following is the program that will be followed throughout the Christmas season.

Continued on page 81

AVIATOR TO SPEAK

Under Auspices of Social Union. An Authority on Aviation.

Earle L. Ovington, aviator of world reputation, will speak on "My Experiences as a Birdman" in the Auditorium Friday evening, Dec. 15 as the Social Union entertainer. Mr. Ovington, who has won many aviation contests in his Bleriot monoplanes, is a writer and speaker of authority on aviation. He spoke here last July during the summer school and his speech was so interesting that the Social Union has secured him to speak to the student body.

CAST OF EIGHT SELECTED FOR ANNUAL PROM SHOW

Over Forty Candidates Try Out. Rehearsals to Come Once a Week. To Stage Play in Advance.

Forty candidates reported to manager Williams in Tuesday's tryouts for the cast of "The Arrival of Kitty" which has just been announced.

Lewis T. Buckman '17, of Wilkes-Barre, Pa., has been chosen to take the part of William Winkler, a spicy old gentleman, whose principal business is that of bargaining for the marriage of his niece. The part of Jane, his niece, and the leading lady in the play, is taken by Louis P. Hastings '19, of Springfield. Douglas Newbold '19, of Northampton is chosen to take the part of Aunt Jane, William Winklers' sister, who is a maiden lady in hopes of being blest with the holy bond of wedlock. Bobby Baxter, a versatile college man, is portrayed by Jonathan H. Smith '19, of Roslindale. Benjamin More, a bachelor from Italy who has been picked as the "young" bride groom for Jane is to be portrayed by William G. Sawyer '18, of Berlin. The part of "Ting," the bell boy and temporary "manager" of the Summer Hotel is to be taken by Arthur F. Williams '17, of Sunderland. T. Palmer Wilcox, of Andover, is to serve in the capacity of Sam the colored porter, while Kitty, the chorus girl, is taken by Charles R. Wilber, of Walpole.

Rehearsals are to be conducted each week from now on so that the show will be ready to put on a few weeks in advance of the date of the Prom.

MERRIMAC VALLEY MEN MEET

The M. A. C. men of Merrimac Valley met Tuesday to form a new M. A. C. club which includes many undergraduates and alumni of that section of the state.

Officers were elected as follows: Samuel V. Noyes of Georgetown, president; Leo C. Higgins of Amesbury, secretary and treasurer. The entertainment committee includes Richard L. Holden of Haverhill, Thomas E. Carter of West Andover, Malcim W. Chase of Amesbury, and Richard H. Gorwaiz of Newburyport. A committee to draw up a constitution and by-laws is composed of Harold P. Boyce of Haverhill, John B. Nelson of Newburyport and Leo C. Higgins.

MR. BANGS TELLS OF SOME SALUBRITIES HE HAS MET

Entertains Large Audience with His Sharp Wit and Humor. Presents Serious Thought.

Mastery of humor combined with a rare artistic ability at painting realistic pictures of prominent men by the use of commonplace incidents characterized the lecture of John Kendrick Bangs, given in the auditorium Saturday. Mr. Bangs certainly gave the best entertainment that has been heard on this campus for some time. He fairly bubbled over with humor and in his serious moods he was appealing.

Mr. Bangs was introduced by Prof. Frank A. Waugh of the landscape gardening department. He gave sketches of the following "salubrities that he had met"; Winston Spenser Churchill, Mr. Perkins of Maine, Richard Harding Davis, Rudyard Kipling, Julia Ward Howe, Dorothy the wife of Henry M. Stanley, Mrs. Richard Henry Stoddard (Elizabeth Barstow), Sir A. Conan Doyle, Andrew Carnegie, John D. Rockefeller, Judge Robert Grant, and Mark Twain. Mr. Bangs concluded the entertainment by the reading of two original poems, "A Dream" and "The Salubrity's Motto."

DEBATING SCHEDULE

Management Arranging Several Intercollegiate Dates. Freshmen to Have Team

Manager Sidney S. Smith '18 of varsity debating is hard at work arranging an intercollegiate schedule for the coming season. Already dates are pending with Union and Vermont, with several other colleges under consideration. Only off campus debates will be arranged this year. The team is being coached by Dean Lewis, Mr. Rand, and Mr. Patterson.

There will also be a freshman debating team. Dates are pending with Williams freshmen, Williston, Springfield, and Amherst freshmen. Mr Patterson will act as freshman coach. Candidates for assistant manager of the debating teams have been called out from the sophomore class. They will work on the freshman schedule. The position of assistant manager will lead to that of manager in the senior year.

ROBERT FROST, NOTED POET, COMING TO M. A. C.

Author of "North of Boston" Will Probably Speak at Assembly, December 13.

The probable speaker for Wednesday's assembly on Dec. 13 is a man who, through his literary work, should be more or less familiar to the student body. Robert Frost, a Californian by birth, graduated from Dartmouth in 1896 and studied at Harvard 1896-99. He then became a farmer for five years and during that time gathered much of the material expressed so delightfully in his rural poems. From 1905-11 he was teacher of English at Pinkerton Academy at Derry, N. H., and the following year was instructor of psychology at the New Hampshire state normal school. The following three years were spent in England and he now is once more a farmer. Besides his country life poetry he is the author of numerous books, among which are "A Boy's Will" and "North of Boston."

INFORMAL THIS SATURDAY

The second informal of the year will be held Saturday afternoon at 3-30 in the drill hall. Supper will be served as usual at 6 o'clock in Draper hall where Manager Fairbanks has promised to give quicker service than last time. Bosworth's orchestra of Northampton will play for the dancing. The chaperon from Mt. Holyoke will be Mrs. Schaffner, Rockefeller Hall, while the Smith chaperones will be announced as the men purchase their tickets. The price of tickets will be increased to $2 after 10 P. M. Wednesday. They may be obtained from W. R. Irving, 13 South College.

MUST COMPLETE THIRD TERM

Dean Lewis read at chapel Monday morning a resolution recently passed by the faculty requiring seniors to be in residence at the college until the end of the third term in order to be eligible for a degree. No deviation from this rule will be permitted except in extreme cases, and then only when the man has completed his required hours with a high standard of scholarship.

Frank E. Hall '19 of Rockland has pledged Lambda Chi Alpha.

FORMER FOOTBALL STAR PRAISES VARSITY TEAM

We print below a copy of a letter recently received from one of Aggie's prominent alumni.

TO THE EDITOR OF THE COLLEGIAN:

I am sending you a copy of some portions of a letter I recently received from an alumnus who was in his day one of the best quarterbacks that Aggie has had:—

"* * * * Some people may tell you that the boys fought like tigers, but that will not be a correct view of the game. The Aggie team knew more football than Springfield and showed the results of good coaching. I do not know when I have seen an Aggie football team that played the machine-like football that this team did. There were no individual stars, but all of them seemed to be welded into a machine that knew just what to do, and went ahead and did it.

* * * * This is the only game that I have seen this year, and of course it is the game that the team was primed for and they were in the pink of condition. * * * *

I think that Melican, Palmer and Perry deserve all the credit you can give them for turning out that team. To sum it all up * * * the boys were really taught football.

Very Sincerely,
HENRY B. MORSE."

It is very pleasing to get a letter of this kind from some of the alumni who are in a position to appreciate the factors underlying the formation of a football team, and if more of the alumni would, through such communications, express their feelings in regard to things athletic and otherwise, it might tend to instill into the alumni and students as a whole a little of the loyalty and spirit that animates other college bodies.

Yours truly,
GEORGE. H. CHAPMAN.

ATHLETIC BOARD AWARDS THIRTY-EIGHT NUMERALS

The Interclass Athletic Board has announced the awarding of numerals to the men playing on the Freshman and Sophomore football teams, the Freshman ropepull team and the Sophomore rifle team. The 1920 football men who received numerals are: John F. Carleton of East Sandwich, Richard H. Gorwaiz of Newburyport, Philip A. Readio of Florence, Milo R. Bacon of Leominster, Guy F. Macleod of Lowell, Harry J. Talmadge of Great Barrington, Warren M. Dewing of Kingston, John Vigezzi of Great Barrington, Donald Lent of Maynard, Charles H. Mallon of East Braintree, Robert P. Cande of Pittsfield, Irving E. Gray of Woods Hole, and Conrad J. Johnson of Campello, manager.

Twelve Sophomores got their numerals for winning the annual game with the Freshmen. They are: Edwin P. Cooley of Sunderland, Adelbert Newton of Pittsfield, Ernest F. Sexton of Darien, Conn., Herbert R. Bond of Dover, Loring V. Tirrell of South Weymouth, George B. Castle of Pittsfield, Elton J. Mansell of Cambridge, Roger F. Readio of Florence, Harold W. Poole of Hudson, Kenneth S. Williams of Sunderland, Alfred Sedgwick of Fall River, and Paul Faxon of West Newton, manager.

The Freshmen who pulled on the winning six-man rope-pull team were awarded numerals as follows: Kenneth Blanchard of Haverhill, Allen Hersom of Acushnet, John K. Delahunt of Dorchester, F. Harold Holland of Shrewsbury, Ivan A. Roberts of South Lee, John A. Crawford of Allston, and Donald H. Smith of Pittsfield manager.

Numerals were also given to members of the winning Sophomore rifle team. The men who receive them are: Victor D. Callanan of Malden, Edmund B. Taylor of Wollaston, Charles G. Mattoon of Pittsfield, Irving B. Stafford of Fall River, George N. Peck of Hartford, Conn., and Frank E. Hall of Rockland, manager.

COLLEGIAN COMPETITION

Competitors should turn into the office time slips for work done there Monday evenings, as no write-ups made at that time are credited. One credit is given for two hours office work. Attention is also called to the necessity of giving approximate number of words and signing articles in order to obtain full credit. The standing given below is computed through Nov.20. Competitors should remember that one-third of the time allowed has already passed, and that 25 points are necessary for eligibility for election.

The following is a list of the competitors arranged in order of their standing. The competition editor is responsible for the awarding of points on the basis of one point for each seven inches of copy accepted. Professor Neal of the journalism department rates each man on the basis of quality. The last percentage multiplied by the number of points gives the standing.

L. C. Higgins '18,	10.94
A. N. Bowen '19,	10.71
F. C. Stackpole '18,	6.48
A. L. Chandler '19,	5.36
W. S. Sawyer '18,	5.31
R. W. Harwood '18,	4.23
F. Schenkelberger '19,	3.67
G. N. Peck '19,	3.55
E. S. Stockwell '19,	3.45
P. F. Hunnewell '18,	1.98
W. W. Robbins '19,	.77
W. B. Loring '18,	.20

NEW MUSICAL CLUB OFFICE

By partitioning off a part of the space under the gallery in the old chapel, a new office is being made for the Musical Clubs and the Y. M. C. A. This will give all the room in North College, formerly taken by the Y. M. C. A., to the senate.

Specialists in

Students' Needs

FOR generations we have served the college men and students of all New England and we know their requirements.

Our stocks of Student Clothing, Haberdashery, Shoes, Athletic and Sporting Goods, Jewelry, Rugs, Desks and Books are complete and moderately priced.

Sole Agents in Boston for the justly famous

Society Brand Clothes

Free delivery to Amherst of any purchase—large or small.

JORDAN MARSH COMPANY
Boston

Dr. L. O. Whitman
21 Pleasant St., Amherst, Mass.
Office Hours: 1-3, 7-8 p. m. Sunday and other hours by appointment.

Eyes Examined
Glasses Furnished
OSCAR L. McCULLOCH
54 Suffolk St. Holyoke, Mass.

Croysdale Inn
SOUTH HADLEY, MASS.
Good Beds and Good Things to Eat.
Telephone 2628-W, Holyoke.

FLEMING'S SHOE STORE
Northampton

Cox Sons & Vining
72 Madison Ave., New York

Caps
Gowns
Hoods
for all Degrees

ROBES FOR JUDICIARY, CLERGY AND CHOIR

FLOWERS AND PLANTS
Grown by the Floricultural Dept.
We offer our surplus stock of cut flowers and plants at reasonable rates to students and faculty. This stock is grown in modern houses under ideal conditions. Roses, carnations, violets, chrysanthemums and sweet peas in season.
GROWN ON THE CAMPUS
Telephone 300

RAHAR'S INN
Northampton, Massachusetts
EUROPEAN PLAN
The Best Place to Dine
All Kinds of Sea Food
Special luncheon from 11-30 to 2 p. m.
A la carte service
6-30 a. m. to 11-30 p. m.
R. J. RAHAR, Prop.

The "Nonotuck"
HOLYOKE'S LEADING HOTEL
Club Breakfasts, 25c to 75c
Business Men's Luncheon, 60c
Sunday Table d'Hote Dinner, $1.25
GORHAM BENEDICT, Mgr.

BASKETBALL CANDIDATES START REGULAR PRACTICE

The first regular basketball practice of the year was held Monday afternoon with a large squad on the floor. Most of the work at present consists in practice with the fundamentals of the game. As the men round into shape there will be two regular games a week scheduled between the first and second teams. Coach Gore is using a system of posters, placed at conspicuous places on the walls, containing points of suggestion to be kept in mind by the players. A blackboard has also been arranged at the end of the training table and short basketball talks are held after meals. The following men have reported for the varsity squad:

Forwards — Batchelder '19, F. Grayson '18, Hawley '18, Irving '17, McCarthy '19, Pond '19, and Squires '17.

Centers—E. Grayson '17, and Hagelstein '17.

Backs—Everbeck '17, Gasser '18, Parkhurst '19, and Sedgwick '19.

About twenty men have reported for the freshman team. The squad promises to be light but fast. Those trying out for the 1920 quintet are:

Forwards—Apsey, L. E. Ball, Levine, Lathrop, Richardson, Stedman, and Vigezzi.

Center—Armstrong, Horn, Jones, Richards, and Taylor.

Backs—Beauregard, Davis, Graves, Lent, Littlefield, Oppe, Phillips, Roberts, and Berman.

COMPETITION CLOSES

Competition in the girls home economics club of the state, run jointly by the extension service of the college and the state and national departments of agriculture, has come to a close, prize winners having been announced. The contest, open to any girl or boy in the state, has been of three months duration in which time 60 hours of work must have been done in order to become eligible. The prizes are awarded on a basis of excellence and thoroughness of work in baking, sewing and specified housework and are: first, a free trip to Washington, D.C.; second, a week's trip to points of interest in New England; third a week at the college boy's and girls' camp in July.

UNABLE TO GIVE ADDRESS

Dr. L. Clark Seelye was unable to attend the Thanksgiving service at Smith College for the first time since the founding of the institution because of his duties on the investigating committee. The committee investigating M. A. C., of which Dr. Seelye is chairman, held a meeting that interfered with his usual address.

The Amherst college musical clubs have just returned from very successful concerts at Mountain Lakes and at Montclair, N. J.

SPEAKERS FOR THE WEEK

Sunday Chapel.

The speaker at next Sunday chapel will be Dr. Albert C. Knudson of Boston. Since graduation from the University of Minnesota as an A. B. in 1893, he has been engaged in many studies and professorships at various universities. He studied at the school of Sciences Boston University 1896-97 and from which he received his Ph. D. in 1900, attended the University of Jena and Berlin 1897-98, was professor of church history at Denver University 1890-1900, professor of philosophy and English Bible at Baker University 1900-02, professor of English Bible and philosophy at Allegheny college 1902-06 and from which he received his D. D. and is at present professor of Hebrew and the old Testament exegesis at the theological school of Boston university. He is the author of a number of books on the old Testament and is a contributor to the religious press as well as a prominent member of various biblical literature societies.

1916 NOTES

Conny Lieber is working for an advanced degree in microbiology at the University of Chicago. Address is 4 Snell Hall, U. of C., Chicago, Ill.

After a restful summer in the fastness of Milford, Mass., Sims Jones is back at Aggie adding a fresh supply of knowledge to the already large amount which he has cornered and kept in storage against a rainy day. Address, care of Charles R. Greene, Mt. Pleasant, Amherst.

Besides teaching botany, etc., in the Staples High School in Westport, Conn., Bill Coley is coaching the basketball team there, and is scoutmaster of a troop of Boy Scouts. Bill likes it very much. He occasionally meets Miss Mae Holden, who is training tender young minds in Bill's old high school in Wilton, next town to Westport.

Fine letter from Herb Bishop recently. He is with the Supplee Alderney Dairy, Mayville, N. Y., and gets in seven days a week of honest toil. Mayville is 65 miles south of Buffalo. Anyone going west should make a date with him in Buffalo, Herb feels that one of the old bunch would be a sight for sore eyes.

Ed Perry is leaving Dec. 9 for somewhere in Idaho to learn the sheep business. After a year in the West, he plans to rear these strange things in great quantities on 12,000 acres of New Hampshire land. Pending the publication of his new address, Ed may be reached in care of E. B. Dame, 6 Beacon St., Boston.

Fred Stearns, 17 Bacon St., Newton. He is helping the city forester to keep the extensive forests of that city in a condition of robust health.

Charley Fernald has returned to the campus and has his graduate work in entomology well under way.

ONE OF CAMPION'S COLLEGE STORES

We are sole agents for the Reversible Collar Campion Custom Made Shirts, made especially for college men, from **$1.50** to **$6.00.**

Crofut & Knapp, also Chase of New Haven Hats, from **$3.00** up.

THE ENGLISH AQUASCUTUM COATS

Ready-to-wear Clothes for young men from Atterbury System Fifth Ave., from **$22.00** up.

Made-to-your-measure Clothes, from **$25.00** up.

Mr. Campion personally superintends to fitting in this department and is an expert in the business.

ONE OF THE BEST CUSTOM TAILORING DEPARTMENTS IN THE STATE

ONYX HOSIERY MARK CROSS GLOVES KNOTHE BELTS

CAMPION'S COLLEGE STORE At Amherst

—Come to us for—

Fireplace Goods, Coat and Trouser Hangers

Ever Ready Flash Lights and Paint

Clothes and Shoe Brushes

Anything in Hardware and Cooking Utensils

Always glad to see you.

THE MUTUAL PLUMBING & HEATING CO.

BURPEE REGISTERED VAB TRADE MARK The Seal of Quality

Burpee's Seeds Grow

FOR forty years we have rendered faithful service. For forty years we have tried to make each year's service more nearly ideal. This untiring effort has built for us not only The World's Largest Mail Order Seed Business, but also a World Wide reputation for Efficiency and undisputed leadership. The Fortieth Anniversary Edition of **Burpee's Annual,** *the* **"Leading American Seed Catalog"** is brighter and better than ever. It is mailed free. A postcard will bring it.

W. ATLEE BURPEE & CO., Seed Growers,
Burpee Buildings Philadelphia

Page's Shoe Store
Largest Stock—Lowest Prices
Expert Repairing—Best leather used

JACKSON & CUTLER
—DEALERS IN—
Dry and Fancy Goods and Choice Family Groceries

THE MASSACHUSETTS COLLEGIAN

Published every Tuesday evening by the Students of the Massachusetts Agricultural College.

BOARD OF EDITORS.

RICHARD W. SMITH '17. Editor-in-Chief
MARSHALL O. LANPHEAR '18. M'ging Editor
MILFORD R. LAWRENCE '17. Assistant Editor
WILLIAM SAVILLE, JR. '17. Alumni Editor

ASSOCIATE EDITORS.

JOHN T. HIZER '17
JOSEPH F. WHITNEY '17
FRANK J. BINKS '18
NATHAN W. GILLETTE '18
ELIOT M. BUFFUM '19
MYRTON F. EVANS '19

BUSINESS DEPARTMENT.

MERRILL P. WARNER '17, Business Manager
JAMES C. POWELL '18, Assistant Business Manager
BIRGER R. ROSEQUIST '18, Advertising Manager

Subscription $2.00 per year. Single copies, 8 cents. Make all orders payable to **Merrill P. Warner.**

In case of change of address, subscribers will please notify the business manager as soon as possible.

Entered as second-class matter at the Amherst Post Office.

Vol. XXVII. Tuesday, Dec. 5. No. 10

SENIOR VS. FACULTY RULING.

The recent action taken by the faculty requiring members of this years's senior class to stay in residence until the end of the third term effectually blocks the idea of making the new system of any great service to the men who have to live under it. That the resolution permits seniors to leave early if they have already made plans to do so means next to nothing, for at this early date who can tell what opportunities may present themselves next spring? As the faculty have given no reason for their decision we are free to assume that they consider the issue closed in-so-far as this year is concerned. It will not be closed without protest if we can help it, and we hope what we have to say will evoke from them either an open statement of the reasons for their action or a change in their attitude toward the underlying principles of the system which is now in its first year of trial.

When the new plan was proposed last year we saw in it a great opportunity for the graduates of this college of agriculture to get through their collegiate work at a time somewhere nearly coincident with the beginning of the agricultural year. There is hardly a single agricultural vocation, with the possible exception of the sciences, where it is not more advantageous to begin work in the spring time. Yet now come the faculty and say to the senior, "It makes no difference whether you have finished your required credits, or whether you have a chance to get a job at the end of the second erm. You must satisfy the letter of the law and remain in Amherst until June." That attitude is the expression of men who recognize no essential difference between an agricultural college and an engineering or a classical institution. The practical differences are obvious, and to no one do they appeal more strongly than to the man about to finish his work. He sees every agricultural vocation making its strongest demands in March and April. So far as college training is concerned he is ready for the job when the first call comes and but for the infernal red tape of an hide-bound collegiate system he could accept the call and come back later for his diploma. Alumni and other critics of the college are asking why it is that so many Aggie men go into other than agricultural pursuits. We venture to offer as one reason the fact that there are so many obstacles facing a man at every turn when he tries to accept an opportunity which is so unfortunate as to present itself in March. To turn stumbling blocks into stepping-stones is a truly beautiful ideal, but we fail to see the point in wilfully placing quite so many of the said blocks in one place.

We do not make any plea fur the man who has failed to complete his required work by the end of the second term. Neither do we ask that diplomas be given at any other time than at Commencement in June. Our argument is based solely on the grounds of justice to the men who, with their college work complete, wish to get an early start in the professions they intend to follow. If the new system is to be as inflexible and arbitrary as the old, we wonder why it was ever adopted. Certainly it is not getting a fair trial when one of its primary purposes is being arbitrarily defeated by such a resolution as the faculty has just passed. Who can say whether the three term plan is good or bad until it has been given at least one chance to show its workings? Here is the first real check it has received since its inception. Will the student body sit quietly by and watch its nullification or will they demand a show of reasons why?

CAMPUS CALENDAR

[Notices for this column should be dropped in at the COLLEGIAN office or handed to Nathan W. Gillette '18 on or before the Monday preceding each issue.]

WEDNESDAY, DEC. 6

2:00 P. M.—Assembly speaker, Representative George Chamberlain, Springfield, Mass.

7:00 P. M.—Agricultural Economics Club, Room B, Clark Hall. Joint meeting with the Stockbridge Club.

7:00 P. M.—Mandolin Club Rehearsal, Social Union.

8:00 P. M.—Microbiology Club, Microbiology Building. Professor Loomis, speaker.

THURSDAY, DEC. 7

6:45 P. M.—Musical Club Rehearsal, Stockbridge Hall.

7:30 P. M.—Botanical Club, Clark Hall, Room E.

FRIDAY, DEC. 8

6:45 P. M.—Movies, Stockbridge Hall.

7:45 P. M.—Concert of Musical Clubs at Hadley.

SATURDAY, DEC. 9

3:30 P. M.—Informal at Drill Hall.

SUNDAY, DEC 10

9:10 P. M.—Chapel, Dr. Albert C. Knudson, Boston, Mass.

TUESDAY, DEC. 12.

7:00 P. M.—Glee Club rehearsal, Old Chapel.

SUNDAY CHAPEL

Bishop Davies Speaks on Generosity, Gratitude and God

"Generosity, gratitude and God are three prime essentials of spiritual and moral endeavor," was the main thought of Bishop T. F. Davies of Springfield and western diocese of Massachusetts at Sunday morning services. In the expansion of his theme he said in part, "Generosity is not necessarily the giving but in having that kindly nature which adds human happiness to the heap of human misery. It is so easy with an unthankful heart to forget gratitude but a thankful heart appreciates creation, preservation, and divine inspiration. The kingdom of God is expressed internally by our morals and ideals, and externally by action through the church and should be the stepping stone to the eternal goal."

ECONOMICS CLUB SCHEDULE

An illustrated lecture on "The Development of American Agriculture" will be given before the Economics Club, by Mr. Rutledge of the department of economics, on Wednesday, Dec. 6, at 7-00 P. M., in Clark Hall. The slides will be furnished by the International Harvester Company.

Dec. 13, the topic, "Farming in New England After the War," will be handled by Professor Foord, head of the division of agriculture.

Jan. 10, "The Civil Service as a Life Work," including a technical discussion of Civil Service examinations, will be presented by the department of agricultural economics.

FRESHMEN HOCKEY

A squad of 25 men reported for freshman hockey practice Monday. The preliminary work will consist of soccer practice to bring the men into condition until there is good ice. Harding '19 and Mansell '19 will have charge of the candidates. The season will open the early part of January. Dates are being arranged with Williston, Amherst High, Drury High, Pittsfield and Dartmouth freshmen.

PURCHASE NEW TRACTOR

The rural engineering department has a new International Harvester Company tractor, 8-16 model, for use in demonstration and class work. This new addition to the farm machinery is to be used in rural engineering courses 77 and 78 and short courses.

When going over the "Mountain" or across the "River" why not carry a

BOX OF LIGGETT'S OR ST. CLAIRE'S CHOCOLATES ?

Always fresh.

If you are hungry have a

SANDWICH AT THE FOUNTAIN

HENRY ADAMS & CO.

The REXALL Store

DE LAVAL SUPERIORITY

Demonstrated Once More at the National Dairy Show

BUTTER made from cream separated by De Laval Separators made the usual clean sweep of all highest awards at the great National Dairy Show held in Springfield, Mass., in October.

In the Whole Milk Creamery Butter Class the highest award was made to S. C. Nelson of Grove City, Pa., who is the user of a De Laval Power Separator.

In the Farm Dairy Butter Class the highest award was made to P. H. Robinson of Egypt, Mass., buttermaker on Thomas W. Lawson's famous farm, and for fifteen years a De Laval user.

In the Market Cream Class the three highest scores were achieved by T. P. Lindsay, Southboro, Mass.; Branford Farms, Groton, Conn., and A. S. Harris, Fitchburg, Mass., respectively—all De Laval users.

Aside from the gold medal and highest awards in these important classes, the great majority of all other awards and highest scores were likewise given to De Laval users, again conclusively demonstrating the superiority of De Laval Dairy products.

THE DE LAVAL SEPARATOR COMPANY

165 BROADWAY, NEW YORK — 29 E. MADISON ST., CHICAGO

For Greatest Satisfaction Use DOUBLE SERVICE Automobile Tires

Guaranteed 7,000 Miles Service

Absolutely Puncturepoof

Double Service Tires are made double the thickness of the best standard make tires.

This 100% greater wearing surface naturally gives that much more mileage and service. The average of 12 miles of tough fabric and one inch surface lead ripped makes these tires *absolutely puncturepoof*.

These tires excel all others for use in the country over rough and rugged roads as well as on hard pavements. They are as easy riding and resilient as any other pneumatic tire—the air space and pressure being the same.

They are the most economical and "care free" tires made and are used where tires must be depended on and tire troubles cannot be tolerated. Many Double Service strip tires are in use in the U. S. government and European War service.

Our supply is limited to a certain amount, but for a short time we offer the following reduced special prices as an introductory Offer:

PRICES

Size	Wire Tubes	Size	Wire Tubes
30x3½ in.	$ 8.00	32x4 in.	$17.45
30x3½ in.	10.05	32x4½ in.	21.55
32x3½ in.	12.10	34x4½ in.	23.60
31x4 in.	14.15	37x4½ in.	25.65
34x4 in.	16.70	4.50	27.65

All other sizes not included in above list also furnished. Non-skids at 10% additional.

Terms: Payment with order at above reduced prices, a 5% discount allowed on orders for two or more tires. All personal checks must be certified.

Try these tires now and be convinced of their very high qualities. Sold direct to the consumer only.

Description folder upon request. Write for it.

Double Service Tire & Rubber Co., Akron, O.
Dept. —

DOUBLE THICKNESS OF TREAD AND RUBBER ABSOLUTELY NO PUNCTURES

EXAMINATION PERIOD LASTS ONLY FOUR DAYS

Time of Each Exam to be Two and One Quarter Hours. Will Begin Tuesday, Dec. 19, at 7-30 A. M.

Only four days will be devoted to final examinations for the first term this year. Each examination will last for two hours, fifteen minutes, there being four such periods each day. Beginning at 7-30 Tuesday morning Dec. 19, the first exam will continue until 9-45; the second will last from 9-55 to 12-10. Resuming work again in the afternoon, the third examination period will extend from 1 to 3-15; the fourth, from 3-25 to 5-40. The schedule of times and places follows:

TUESDAY, DEC. 19.

7-30 to 9-45 A. M.

Sophomore Tactics 25, Drill Hall.
Agricultural Education 50, S. H. 102.
Rural Journalism 80, S. H. 114.
German 78, F. H. F.

9-55 to 12-10.

Sophomore Physics 25, Drill Hall.
Pomology 75, W. H. B.
Microbiology 51, M. L.
Mathematics 50, M. B. B.

1-00 to 3-15 P. M.

Freshman French 1 and 4, German 1 and 4, Drill Hall.
Agronomy 75, S. H. 102.
Floriculture 53, F. H. F.
Poultry 51, S. H. 114.
Forestry 50, F. H. H.
Landscape 52, W. H. B.

3-25 to 5-40 P. M.

Sophomore Botany 25, Drill Hall.
Veterinary Science 78, V. L. B.
Animal Husbandry 75, S. H. 114.
Economic Sociology 75, F. L. N.
Rural Sociology 75, E. B. D.
Spanish 50, F. H. F.
German 50, F. H. F.
French 50, P. L. B.
English 60, S. H. 102.

WEDNESDAY, DEC. 20.

7-30 to 9-45 A. M.

Sophomore Zoology 25, Drill Hall.
Rural Sociology 50, E.B. D.
Botany 78, C.H. B.
Agricultural Education 75, S.H. 114.

9-55 to 12-10

Sophomore English 25, Drill Hall.
Poultry 76, S.H. 102.
Rural Engineering 75, S.H. 114.
Landscape Gardening 75, W.H. B.
Market Gardening 75, F.H. F.
Chemistry 51, C.L. I.
Economics and Sociology 50, F.L. N.
Spanish 75, F.H. E.
Agricultural Economics 50, C.H. A.

1-00 to 3-15 P. M.

Freshman Algebra 1, Drill Hall.
Dairying 77, F.L. M.
Poultry 50, S.H. 102.
Eur. Eng. 76, S.H. 114.
Chemistry 80, C.L.
Mathematics 76, M.B. B.
Microbiology 50, M.L.
Veterinary 50, V.L. B.
Agricultural Economics 51, C.H. A.
Floriculture 75, F.H. C.

3-25 to 5-40 P. M.

Freshman Tactics 1, Drill Hall.

THURSDAY, DEC. 21.

7-30 to 9-45 A. M.

Sophomore French 25 and 28, F. H. F.
Sophomore German 25 and 28, F. H. F.

9-55 to 12-10

Sophomore Rural Engineering 25, Drill Hall.
Floriculture 50, F. H. F.
Botany 52, C. H. B.
Microbiology 81, M. L.
Journalism 53, S. H. 114.

1-00 to 3-15 P. M.

Freshman English 1, Drill Hall.
Dairying 50, F. L. M.
Horticulture 50, F. H. F.
Entomology 76, E. B. K.
Mathematics 75, M. B. B.
Veterinary 75, V. L. B.
French 75, F. H. F.
Agricultural Economics 75, C. H. A.

3-25 to 5-40 P. M.

Freshman Chemistry 1 and 4, Drill Hall.
Junior Tactics 50, E. B. D.

FRIDAY, DEC. 22.

7-30 to 9-45 A. M.

Sophomore Animal Husbandry 25, Drill Hall.
Agronomy 50, S. H. 114.
Poultry 77, S. H. 102.
Microbiology 81, M. L.
Zoology 50, E. B. K.
Landscape Gardening 50, W. H. B.

9-55 to 12-10.

Sophomore Physics Laboratory, Drill Hall.
Botany 50, C. H. A.
Chemistry 76, C. L.
Microbiology 83, M. L.
Veterinary 85, V. L. B.
Journalism 77, S. H. 114.

1-00 to 3-15 P. M.

Freshman Agriculture and Horticulture, (where lab. work was given.)
Sophomore Drawing 25, W. H. B.
Senior Tactics 75, E. B. D.
Rural Journalism 50, S. H. 114
Botany 55, C. H. B.

3-25 to 5-40 P. M.

Freshman Hygiene, Drill Hall.
Sophomore Chemistry 25 and 27, C. L.
Pomology 50, F. H. F.
Pomology 77, W. H. B.

Any examination not scheduled above must be arranged for by individual appointment with the instructor in charge of the subject.

WIN CROSS COUNTRY RUN

Aggie men captured three of the prizes in the Northampton Y. M. C. A. cross country run held in Northampton on Saturday, Dec. 2. Louis Lyons '18, of Rockland won the race, easily leaving the field behind. Third place went to William J. Sweeny '19, of Dorchester, and fourth prize went to Henry Lyons '20, of Rockland, and brother of the winner of the race.

CONCERT IN HADLEY

Hadley town hall will be the scene of the first concert of the year on the long schedule of the musical clubs. The concert and dance will take place Friday evening. Although this is an early date, the good work of the club members has booked it to be a success.

In preparation for the coming basketball season the court in the drill hall has been repainted.

ABOUT THE CAMPUS

The experimental plots near the west station are being relaid with drain tile.

Jack "Hutch", captain of the Aggie '12-'13 hockey team may be seen in action with Boston Arena team this winter.

The striped baskethall jerseys and hockey suits of 1919 were purchased by the athletic association for the class of 1920.

President K. L. Butterfield has contributed a portrayal of the ideal Amherst in 1916 to the Amherst *Graduates' Quarterly*.

Programs to be used at future informals will have a block "M" in place of the college seal which formerly was used on the cover.

The senior class captain promises something new in the line of class smokers for the first senior smoker of the year, which is set for Dec. 13.

The grounds department has continued its decorative work in the rear of north dormitory by placing a number of shrubs and bushes in the northwest corner.

The likely men who will shoot in the first intercollegiate rifle match are Caulett (Capt.) '18, Tuttle '17, Frellick '18 Parsons '19, Davies '19, Phipps '18 and Raymond '18.

Is it a significant fact that only seven students desired to join the League to Enforce Peace, or was everybody too peaceful to take the trouble to fill out the blank form?

Those hard but serviceable bleachers which were held down by the football fans are being removed and are to continue their service at the northern end of the drill hall for the basketball games.

Very few observers would imagine the extent of area covered in the recent plowing of the field between Grinnell Arena and the Drill hall. There was covered in the work 150 miles or fourteen furrows or seven miles a day.

Professor Ostrander of the meteorological department has issued a report for the weather conditions as observed and recorded at the college observatory. Ice was recorded for the sake of raising the hopes of hockeyites.

Students in Floriculture 50 are looking ahead to next summer when, as a result of their blistered hands and lame backs, the campus can boast of sweet peas with 15 stems. They are practicing the old English method of trenching the soil, alternating soil and manure layer on layer, to store up food for the summer sweet peas. According to remarks overheard, the blooms cut will have to be pretty good to offset the labor expended.

MOVIES FOR FRIDAY

A well balanced program of feature films and comedy has been secured for this Friday night for the Social Union show.

THE
United States Hotel
Beach, Lincoln and Kingston Sts.
BOSTON, MASS.

Only two blocks from South Terminal Station, and easily reached from North Station by Elevated Railway, and convenient alike to the great retail shops and business centre, also to the theatres and places of interest.

European Plan $1.00 per Day and Upwards

Table and service unsurpassed. Booklet and map sent upon application

TILLY HAYNES, Proprietor — JAMES C. HICKEY, Manager

WEBSTER'S STUDIO

Everything in Photography

GROUPS A SPECIALTY

Good work speaks for itself.

NASH BLOCK, AMHERST, MASS.

AMHERST BOOK STORE

Note Books — Fountain Pens

Agents for Rex Typewriter

F. M. CURRAN — C. F. DYER

MARSH'S SANITARY

Students' Furniture

RUGS AND CARPETS

— E. D. MARSH ESTATE —

ESTABLISHED 1903

STEPHEN LANE FOLGER, (Inc.) MANUFACTURING JEWELERS

180 BROADWAY, NEW YORK

CLUB AND COLLEGE PINS AND RINGS

GOLD, SILVER AND BRONZE MEDALS

— JOIN THE BUNCH AT —
EPSTEIN'S TAILORING PARLORS

Now located over post office. Up one flight

Pressing and Cleaning a Specialty

Liberal Ticket System — Tel. 36-M

College Stationery

With Class Numerals.

Magazines, Newspapers and Fountain Pens

A. J. HASTINGS

Newsdealer and Stationer

Gallup at Holyoke

293-297 High St.

— SELLS —

Hart Schaffner & Marx Clothes

Come down to Holyoke and see our big store.

S. S. HYDE
JEWELER & OPTICIAN
13 Pleasant St.
Oculists' Prescriptions Filled. Broken Lenses Accurately Replaced. Fine Watch Repairing Promptly and Skilfully Done.
Satisfaction Guaranteed

E. B. DICKINSON, D.D.S.
DENTAL ROOMS
Williams Block, Amherst, Mass.
Office Hours 9 to 12 a. m., 1-30 to 5 p. m.

"BIDE-A-WEE"
Creamed Chicken and Waffles
Our Specialty—And other good things to eat
MRS. L. M. STEBBINS,
Middle Street, Hadley, Mass.
Tel. 415-W

The Highland Hotel
Corner of Hillman and Barnes Streets, three blocks from the Union Depot, is a modern hostelry run on the European Plan. It is just a step from Main Street, away from the noise and dust and yet in the center of the business district.
Its rooms are well furnished and comfortable, having a telephone and hot and cold running water in every room. Prices $1 and up; rooms with bath (single) $1.50 and up.
Its excellent cuisine and well ventilated dining room makes a meal a pleasant memory—everything of the highest quality, well cooked and served in the best possible manner.
Stay at the Highland Hotel once and you will anticipate staying there again. Music every evening
D. H. SIEVERS,
Highland Hotel. Springfield, Mass.

WHITE'S MUSIC STORE
HENRY K. WHITE
241 MAIN STREET, NORTHAMPTON
Mandolins, Genuine Hawaiian Ukuleles, Picks, Strings, etc., and music for all instruments and all voices. Instruments may be had on trial.

UNITY CHURCH
NORTH PLEASANT ST.
A Church home of the liberal Faith, where every student will meet with a cordial welcome.
REGULAR SUNDAY SERVICE AT 7 P. M

Dr. A. H. Daniels, D. O.
OSTEOPATHIC PHYSICIAN
305 LAMBIE BLDG., NORTHAMPTON, MASS.
Telephone

BUY YOUR
Dental Creams, Toilet Soaps, Shaving Powders,
etc., of
A. W. HAMLIN. AMHERST. MASS.
I call at the Dorms and Fraternity Houses.

The Holyoke Valve & Hydrant Co.
Jobbers of Wrought Iron and Brass Pipe, Valves and Fittings for Steam, Water and Gas. Asbestos and Magnesia Boiler and Pipe Coverings. Pipe Cut to Sketch. Mill Supplies. Engineers and Contractors for Steam and Hot Water Heating, Automatic Sprinkler Systems. Boiler and Engine Connections. Holyoke, Mass.

BECKMAN'S
Candies and Ice Cream
"HAMP"

Seniors and Juniors
Now is the time to buy those
FILING CASES
For your Bulletin.
Johnson Book Co.
BARRETT WOODWORTH
Alpha Sigma Phi House.

UNDERGRADUATE TELLS OF AMHERST BOYS' CLUB WORK

COMMUNICATION TO THE COLLEGIAN:

Boys' Clubs, Boy Scouts, Boy Pioneers.—these are phases of work often heard around the campus, in vague ways; but how many are there in the student body who have ever given the ideas second thought, or, if they have, have followed them up to see what they really meant to some M. A. C. men? How many men are there who know that many boys in Amherst and surrounding towns are getting much of their training at the hands of Aggie men? And how many know that undergraduates give up each week a part of their leisure hours to further the better development of the younger generation? Very few, I am sure; and the purpose of this article is merely to bring before the eyes of the student body a work which, while offering no opportunity for personal aggrandizement, does offer to those interested in boys—their work and their play—a chance to do some practical work which, if it returns no personal benefit, cannot fail to reflect credit on the college and on the student himself.

Boys' work here at Aggie is under the direct charge of the Y. M. C. A. with secretaries appointed to take care of it and, under the general direction of these students, groups of boys in Amherst, Hadley, Northampton, and other surrounding towns are given instructions in work and play.

Recently a scheme of organization for local boys has been evolved by a joint committee from Amherst College and M. A. C. which gives a firm foundation for local work. The boys are divided into three groups, with Mr. George Benneyan of Amherst in charge of the older boys, N. W. Gillette '18 of M. A. C. in charge of the Boy Scouts of America, Scott Buchanan '16 in charge the younger boys (9 to 12) under the head of Boy Pioneers. Plans are well under way for the forming of a local council,—a governing body,—to be made up of representative townsmen and members of both the M. A. C. and Amherst College faculty, and, as time goes on, a more perfect organization will gradually develop. This covers fairly well the conditions in Amherst. Several students are acting as scout masters, assistants, and club instructors, and there are plenty of openings for more.

Outside of Amherst the clubs are not so well organized and the demand for student help is great. Troops of Boy Scouts in Northampton are supervised by Aggie men In Hadley organized play is the feature, and in other of the surrounding towns special phases of boys' work are taken up. At the present time there are groups of boys in Williamsburg, Sunderland, and Hatfield who need leaders to set the organizations on their feet, and give definite instruction in games and drills.

As was said before, no special inducement can be offered any student to take up boys' work. There are, however, many men who have had experience in boys' clubs or organizations, who like boys, and who are willing to give of their time to the work. To these, this is an especial appeal to get in touch with the work. The secretary of Boys' Club Work in Amherst is N. W. Gillette '18, the outside work is in charge of J. T. Dizer '17.

J. T. D.

HOLDS SERIES OF LECTURES

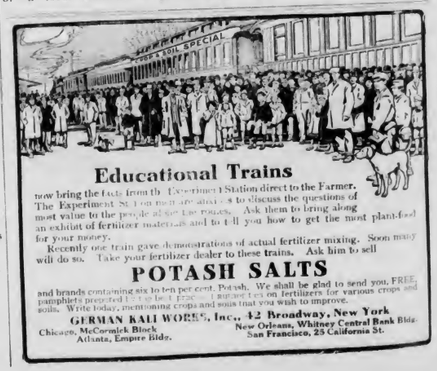
The extension service, co-operating with the Hampshire county farm bureau held a series of extension lectures and demonstrations at Westhampton Monday afternoon and evening. The work consisted of two divisions, one for men on soils, fertilizers, breeding, orchards, crops, feeding, etc., and the other for women on the home, foods, furnishings, canning, cooking and home hygiene.

A concert by the Dartmouth musical clubs was given in the Springfield high school auditorium during Thanksgiving recess.

Batchelder & Snyder Co.
PACKERS AND POULTRY DRESSERS
WHOLESALE ONLY
Beef, Mutton, Lamb, Veal, Pork, Hams, Bacon, Sausages, Poultry, Game, Butter, Cheese, Eggs, Olive Oils.
Blackstone, North and North Centre Streets,
BOSTON, ... MASS.

F. A. SHEPARD
MEN'S STORE
Shoes Hats Furnishings
Local Agent for
E. V. PRICE CO., LAMM CO., BROWNING, KING & CO.,
Custom Tailors
OUR DISCOUNT TICKET SAVES YOU 5%

Carpenter & Morehouse,
PRINTERS,
No. 1, Cook Place, Amherst, Mass.



Educational Trains
now bring the facts from the Experiment Station direct to the Farmer. The Experiment Station Special is at your station 4 to discuss the questions of most value to the people along the line. Ask them to bring along an exhibit of fertilizer materials and to tell you how to get the most plant-food for your money.
Recently one train gave demonstrations of actual fertilizer mixing. Soon many will do so. Take your fertilizer dealer to these trains. Ask him to sell
POTASH SALTS
and brands containing six to ten per cent. Potash. We shall be glad to send you, FREE, pamphlets prepared by the best Experiment Stations on fertilizers for various crops and soils. Write today, mentioning crops and soils that you wish to improve.
GERMAN KALI WORKS, Inc., 42 Broadway, New York
Chicago, McCormick Block Atlanta, Empire Bldg. New Orleans, Whitney Central Bank Bldg. San Francisco, 25 California St.

DR. CANCE PROPOSES PLAN TO AID MILK PRODUCERS

The organization of Massachusetts milk producers which aims to solidify the industry in this state has been proposed in a plan drawn up by Dr. Alexander E. Cance, professor of Agricultural Economics at M. A. C. College specialists, farm bureaus and county agents have worked together on the plan which is divided into state, county, and local organizations.

Only actual milk producers will be eligible to membership, and each man will have one vote. His fees will depend on the quantity of milk he sells. Milk grades and standards will be enforced, county dairy products will be advertised. The state union will represent the state in interstate federations, and collect and publish information concerning dairy products and marketing.

To avoid prosecution, certain regulations must be observed by the proposed associations. Only bona fide farmers may become members, business must be done for and with members only, and the associations must be instituted for mutual help and have no capital stock.

The state commissioner of corporations has approved a form of organization for milk producers, which may be transferred into a co-operative society which could establish a milk plant, or dairy. Dr. Cance and Mr. E. F. Damon, extension specialist in marketing will be glad to advise milk producers about the new plans of organization.

MICRO CLUB MEETING

The Microbiology club will meet in the new microbiology building at 8 P. M. Wednesday evening, Dec. 6. Professor Loomis of Amherst college will give a very instructive talk upon the "Development of Biology during the last 25 years." All that are interested are urged to be present.

BUILDING NEW HOTEL

Ground has been broken for a 26 room apartment hotel which Mrs. J. W. K. Davenport will build on Pleasant street. This large hotel, so near the campus, should greatly relieve the congestion of guest accomodations at future prom and commencement times and especially at the 50th anniversary next fall.

DEPARTMENT NOTES

Making Survey.

Prof. John E. Ostrander of the mathematics department has recently made for the U. S. Government a survey of a tract of land at the corner of Spring street and Maple avenue for the site of the new Post-office.

The Physics Department has installed a new Brownall two-horse power gasoline engine for experimental purposes in the sophomore physics laboratory classes. The brake horsepower of the engine will be determined.

The department has also inaugurated the practice of giving quizzes in the laboratory work, which has never been done before.

ALUMNI NOTES

'08.—Thomas H. Jones is the author of U. S. Department of Agriculture Bulletin 422, entitled "The Eggplant Tortoise Beetle." It describes the life history and habits of this insect and suggests methods of control.

'14.—R. E. Nute of East Taunton is the proud father of a boy, born Oct. 16.

'15.—Verne L. Severence is with the Breck-Robinson Nursery Co., Lexington, Mass. Address, 5 Jackson Court, Lexington, Mass.

'15.—Seth W. Banister is with a civil engineering firm in Lowell, Mass. Address, Westford, Mass.

'16.—A. Sumner Coleman is assistant foreman on a dairy farm in Meudon, Mass.

'16.—"Rev. and Mrs. McLeod Harvey of Washington, D. C., announce the engagement of their daughter, Jean Archibald, (Western '15) to Mr. Dean Albert Ricker M. A. C. '16." Dean is on the State Nursery Inspection and his territory covers the eastern half of Iowa. Address, Flat A, Coy See Roy Building, Davenport, Iowa.

DO IT NOW!

Have you got your preliminary ticket for the *Index* yet? If not, why not? It will be easier to pay part now and part later than to pay it all at once. Do you realize that the *Index* will be out so that you can take a copy home at Christmas and show your girl what goes on at Aggie? And just think how she'll smile when she sees your picture. You won't have to worry any more over what to get for a Christmas present, for what better could you get than an *Index*? There's the faculty section with pictures of all your beloved profs, the class sections with all your accomplishments proclaimed, the athletic section with pictures of all the teams and individual stars, the fraternity and club section, another place where you'll find your picture, the non-athletic section, musical clubs, dramatics, debating and all the rest, the military section with pictures of each company, and then that popular section, the grinds, where you'll find something entirely different than you've ever seen in any other *Index*. Don't put off buying your ticket! Get it now! Adv.

During the past week the students of the New Hampshire State College built a stadium around the athletic field. They did all the work, including the building of the bleachers and grandstand and spent only $500 for the entire construction.

Students and alumni of the University of Texas have organized an association called the Student's Loan association. The association is trying to collect $100,000 to be used as loans to help needy students.

JUST A TIP!

This year it's Sheepskin-lined Coats that have a clear field. Be sure you have yours before the "big" game; you will look "right" in one of these big roomy coats and you won't know what it is to be cold.

We have the largest line of these coats in the state and all we ask is an opportunity to show you the exceptional values that we are able to offer you. Ask the man who owns one.

Hart Schaffner and Marx Suits and Overcoats

SANDERSON & THOMPSON

School and College Photographers . . .
White Studio
LOCALLY: 52 Center St., Northampton, Mass., and South Hadley, Mass
MAIN OFFICE: 1546-1548 Broadway, New York City
These Studios offer the best skilled artists and most complete equipment obtainable

E. FRANK COE FERTILIZERS
The Business Farmer's Standard for Over 55 Years
RELIABLE AGENTS WANTED
Write to Local Agency Manager
THE COE-MORTIMER CO.
51 Chambers St., New York City

MUSICAL CLUBS' TRIP

[Continued from page 1]

PART ONE

1. "Comrades In Arms" Adam
   Glee Club
2. "Ringold" Severley
   Mandolin Club
3. Selections by Quartet Selected
4. Hawaiian Melodies Selected
   Ukulele Sextet
5. "Somewhere a Voice is Calling" Bond
   Mr. Noreross
6. "Defiance" Attenhofer
   Glee Club
7. "The Highwayman" Alfred Noyes
   Mr. Leiper
8. Popular Medley Arr. by Knipfer
   Mandolin Club

PART TWO

1. "Route Marchin'" Stock
   Glee Club
2. Southern Melodies Selected
   Banjo-Mandolin Quintet
3. Popular Medley Selected
   Quartette
4. "How Rubenstein played the Piano"
   Mr. Leiper
5. Pilgrim's Chorus Wagner
   Mandolin Club
6. "Fiddle and I" Goodeve
   Mr. Worthley and violin by Mr. Luce
7. "Sons of Old Massachusetts" Knight '02
   Combined Clubs

FORMER INSTRUCTOR IN ENGLISH WRITES POETRY

We print the following poem which may be of interest to the Aggie men who know its author, Willard Wattles, now of Lawrence, Kansas and a former instructor in English here. Mr. Wattles intends to come East for 1917's commencement. The poem which is one of his more recent ones, is taken from *Current Opinion* for November:

I KNOW A TRAIL ON TOBY.

I know a trail on Toby,
It leaves the little town
A half a mile behind it
To the climber looking down;
I've climbed it many happy times—
I did not climb alone.

I know a trail on Toby
Where ferns and grasses meet
To fling a friendly softness
For upward straining feet,
While overhead the hemlocks
And balsam firs are sweet.

The May-flower peeps in April
Beneath the melting snow,
The wand of staid October
Sets every tree aglow;
I know a trail on Toby—
It is not all I know.

POOR DRAINAGE THE CAUSE

Excavation has revealed the fact that the treacherous spring on west campus road opposite "Onearce" was due to poor drainage. The original tile insufficient in size had been practically filled with gravel, thus forcing all overflow to the surface. The town is now laying a larger and more adequate system.

During last week, there was displayed in windows of the Amherst College Drug store, the Amherst-Williams "Trophy of Trophies," donated by a Williams alumnus to be awarded to the college scoring the most points in all contests between the two.

The Massachusetts Agricultural College

Offers courses of instruction in twenty seven teaching departments, which embrace the study of

Agriculture, Horticulture, Science, Humanities and Rural Social Science.

A student may specialize in the following subjects:

Agriculture, Agronomy, Animal Husbandry, Dairying, Poultry Husbandry, Rural Journalism, Floriculture, Forestry, Landscape Gardening, Pomology, Agricultural Chemistry, Agricultural Economics, Economic Entomology, Microbiology, Economic Botany, Agricultural Education, Rural Sociology

For complete catalog and illustrated booklet, write

KENYON L. BUTTERFIELD, PRESIDENT
AMHERST, MASS.

COLLEGIAN DIRECTORY

Associate Alumni,	C. A. Peters, Secretary
Joint Committee on Intercollegiate Athletics,	H. M. Gore, Secretary
M. A. C. Athletic Field Association,	C. S. Hicks, Treasurer
Non-Athletic Association,	H. E. Robbins, Manager
The College Senate,	L. T. Buckman, President
Football Association,	R. L. Holden, Manager
Baseball Association,	R. D. Hawley, Manager
Track Association,	O. S. Flint, Manager
Hockey Association,	M. R. Lawrence, Manager
Basketball Association,	N. Moorhouse, Manager
Rifle Club,	S. F. Tuthill, President
Roister Doisters,	A. F. Williams, Manager
Musical Association,	D. M. Lipshires, Manager
Nineteen Hundred Seventeen Index,	F. W. Mayo, Manager
Nineteen Hundred Eighteen Index,	K. L. Messenger, Manager
M. A. C. Christian Association,	D. O. Merrill, President
M. A. C. Catholic Club,	J. H. Day, President
Fraternity Conference,	L. T. Buckman, President
Stockbridge Club,	M. J. McNamara, President
Interclass Athletic Committee,	O. G. Pratt, Secretary

There are Seven Good Reasons why you should buy your

COAL
OF
C. R. ELDER

WOODWARD'S LUNCH

27 Main St., Masonic Bldg., Northampton, Mass.

Lunches, Soda, Ice Cream

Closed only from 1 A. M to 4 A. M

The Connecticut Valley Street Railway

From Amherst, via Northampton, through the Hatfields, past the foot of Sugar Loaf Mt., alongside the famous Bloody Brook battle ground to Old Deerfield, thence to Greenfield, Turners Falls and across the "Plains" to Lake Pleasant, Montague and Millers Falls.

50 Miles of Trackage—Modern Equipment—Train Dispatching System—Freight and Express Service over entire line.

Connecticut Valley Street Railway Company

Jacob Reed's Sons are the leading manufacturers of

UNIFORMS

For college and military schools, and have won and maintain their prestige by sheer merit. The uniforms worn at Massachusetts Agricultural College are finished examples of our product.

JACOB REED'S SONS,
Makers of "Gold Medal Uniforms."
1424-1426 Chestnut St., Philadelphia, Pa.

FOUNTAIN PENS

Moore's Swan's
Waterman's

Thirty-six dozen pens to select from.

—OUR RULE—

"Satisfaction guaranteed or money refunded."

DEUEL'S DRUG STORE

COLLEGE SHOES

We carry the largest stock in the state outside of Boston.

MODERN REPAIR DEPT.

E. M. BOLLES
THE SHOEMAN

CARS

Leave AGGIE COLLEGE for HOLYOKE at 15 min. past the hour.

CARS

Leave AMHERST for AGGIE COLLEGE at 7 and 37 min. past the hour.

Special Cars at Reasonable Rates

AMHERST & SUNDERLAND ST. RY. CO

THE TERPSY PARLOR
Cleansing Pressing Repairing
Quickest service, Best Work, Lowest Price
All work carefully done. Work called for and delivered. Gents' overcoats, suits, pants and coats. Ladies' fine linen suits a specialty. Teams will call every day at M. A. C.
WM. FRANKLIN, Prop.
Rear Nash Bl'k, Amherst. Tel. No. 342-4

Amherst
CO-OP LAUNDRY
High-Grade College Work

Shirts,	10-15c
Collars,	2 1-2c
Cuffs,	2 1-2c
Plain wash,	48c per doz.
Same, rough dry,	30c per doz.

DRY CLEANING AND PRESSING

Steam Pressing 40c, 3 Suits for $1.00
Dry Cleaning and Pressing, $1.50 a Suit

All bills payable at Co-op. Store and parcels left there will receive prompt attention.

GRAYSON '17, Agent
HIGGINBOTHAM '17, Asst. Agent

THE MASSACHUSETTS COLLEGIAN

MASSACHUSETTS AGRICULTURAL COLLEGE

Vol. XXVII. Amherst, Mass., Tuesday, December 12, 1916. No. 11

Library of the Mass Agri College

SEVERAL PRIZES OFFERED AT ANNUAL POULTRY SHOW

To be Held Dec. 15 and 16. The Public Invited. Auction Sale of Exhibits Saturday.

Poultry and eggs of all descriptions will be on exhibition Friday and Saturday of this week, when the students conduct their secoud annual dressed market poultry show in Stockbridge hall. Seniors majoring in poultry husbandry will compete for the Batchelder and Snyder Trophy, a cup on which will be engraved the name of the student having the highest score in producing, exhibiting and judging dressed poultry. On the opposite side will be inscribed the name of the farmer winning the largest number of first prizes on his exhibits. The men taking the vocational (one year) course will also compete for a small trophy offered by the department to the highest man in feeding and exhibitiug market poultry. Ribbons will be awarded to those placiug in the first four. After the student judging, which begins at 8 A. M. Friday, an expert poultryman from Boston will place the awards on dressed poultry and eggs. The show will be open to the public 1 P. M. Friday and will continue until the conclusion of the evening program, which will be held in room 4, Stockbridge hall, at 8-30. After a few informal remarks by poultry experts, a demonstration in trussing, drawing and boning fowls will take place in the machinery room in the basement. Here over fifteen students will participate in a chicken-picking contest for a cup offered by John Mullen of Amherst for excellence in killing and dry picking two birds. The men will be judged on the basis of speed and the condition of the bird after picking. Mr. Fred Cockell and Mr. Alfred G. Lunn of the poultry department will be the judges.

On Saturday morning at 10 the show will open for its second day, and in the afternoon will be held an auction of the poultry and eggs used in the exhibit. David H. Buttrick '17 of Arlington will be auctioneer.

The egg show promises to be a unique feature of this year's program. Many of the local producers have already sent in their entries, which will furnish good educational points.

JUNIORS TO BE GUESTS OF SENIORS IN STOCKBRIDGE

Entertainment to be in Form of Movies. Business Meeting and Class Smoker to Follow.

The senior class has invited the class of 1918 to be their guests at a motion picture show in Stockbridge Hall on Wednesday evening at 7 o'clock. The show will consist of a five reel dramatic production "The Flying Torpedo" and a Keystone comedy "He Did and He Didn't," after which the class of 1917 will adjourn to the social union rooms, where a short business meeting is to be conducted. The principal topics of discussion will be the class gift, the fiftieth anniversary in 1917, and the plans for commencement. Professors MacKimmie and Neal and Captain Fleet will be the guests of the class at the smoker which will follow this business session. Refreshments will be served through the catering of the dining hall management.

DAIRY PRODUCTS EXHIBIT

The Massachusetts Milk, Cream, and Butter Show will be held at Springfield in the auditorium of the municipal group, Jan. 9-12, under the auspices of the State Board of Agriculture and the Massachusetts Dairyman's Association, supervised by Prof. W. P. B. Lockwood. It is expected that between 600 and 700 samples of milk and cream will be submitted for testing and judging, which is much superior to last year's showing, when but 300 samples were entered. The bacterial count of the samples will be taken by the department of microbiology. Cottage cheese will be entered for testing and judging for the first time, the products heretofore being milk, cream, and butter.

AVIATOR TO TELL OF HIS EXPERIENCE AS "BIRDMAN."

Earle L. Ovington, a well-known aviator, will give an address under the auspices of the Social Union entertainment on, "My Experiences as a Birdman," Friday evening, Dec. 15. He is a very interesting speaker, giving in his talks a very vivid description of an aviator's impressions and experiences. The entertainment begins at 7 o'clock. An admission of 50 cents will be charged to the general public while those holding social union tickets will be admitted free.

COMMITTEE SETS ASIDE FEB. 10 FOR ALUMNI DAY

Fraternity Banquets Friday Evening. Varsity Basketball Feature of Program for Saturday.

Banquets, athletic contests and a new stirring up of old Aggie spirit will be the features of Alumni day, which comes early next year, being scheduled for Feb. 10. As in former years, all the fraternities and the Commons club will have their banquets on the Friday evening preceding. Saturday morning will be devoted to a tour of inspection of the college in full operation. In the afternoon the alumni will be given an opportunity to see some special races, followed by a varsity basketball game with New Hampshire State in the drill hall. Live speakers are being secured for the annual banquet in Draper hall Saturday night, when old and new college songs will be tried out to add "pep" to the occasion. The day's festivities will end in fitting manner with a glee club concert in Stockbridge auditorium. While the details are not yet fully worked out, advance indications point to a snappy program that will appeal both to the "old grads" and the "young bloods".

STOCK JUDGING TEAM FARES POORLY IN WEST

Purdue Places First. M. A. C. Judges Unaccustomed to Types of Animals Exhibited.

Western live-stock judges proved themselves the superior of their eastern competitors in the intercollegiate judging contest held in connection with the International Livestock show at Chicago, Ill., last week. The Aggie team was forced to take last place in the competition with fifteen other college teams. Purdue University took the first honors in the contest, Iowa State College was second, and Ohio State Univ. received third place. There was a difference of eight hundred points between the leaders and the Aggie men's scores. Prof. J. C. McNutt and E. L. Quaife of the Animal Husbandry department accompanied the team on its trip. The personell of the team was: Thomas J. Dillon '17 of Warren; Everett L. Upson '17 of New Britain, Conn.; Charles H. Clough '17 of Dedham; Samuel V. Noyes '17 of Georgetown; Alfred O. Kinsman '17 of Merrimac.

AGRICULTURAL SOCIETIES HONOR FACULTY MEMBERS

President Butterfield and Dr. Cance Chosen to Head Prominent American Associations.

That M. A. C. is continually gaining distinctive prominence both in state, collegiate and national affairs is shown by the recent marks of appreciation given President Butterfield and a faculty member.

Because of his deep and co-operative interest in its recent Washington, D. C., convention President Butterfield has been honored by election to the presidency of the Association of American Agricultural Colleges and Experiment Stations, and so becomes largely responsible for the tremendous reconstructive work planned for the future.

At the fourth annual meeting of the national conference on marketing and farm credits at Chicago last week the National Agricultural Economists Association looked for a man capable of becoming their head, and found Dr. Alexander Cance of the agricultural economics and surveys department. Dr. Cance is an ideal man for such a capacity, being not only an authority on this branch of economics but is endowed with an individual constructive ability which will be further vitalized through the medium of his new position.

POULTRY CONTEST RESULTS

Stanley W. DeQuoy, a 17 year old boy of Georgetown, is the winner of the Massachusetts Boys and Girls Club poultry contest for 1916, carried on by the Extension Service of the Massachusetts Agricultural college, co-operating with the United States Department of Agriculture. DeQuoy won in a field of 1035 boys and girls from the ages of 10 to 18, receiving as a reward a trip to Washington, D. C. The second prize was awarded to Alonzo Laws, a Framingham boy, who will be given trips to interesting places in New England.

The contest was carried on for four months, and awards were based on the net profit per hen, on egg production, on the records and reports of the work and on the story of the contestants experience. Each competitor was required to keep not less than six and not more than one hundred birds.

BASKETBALL SERIES

Rules Governing Interclass Contests—Games to Begin Jan. 5

Interclass basketball begins this year the evening of Jan. 5, to continue each week after until the schedule is completed. The series promises to be fully as absorbing as in former years. Last season the freshman quintet had but little trouble in winning the series with an enviable record, but varsity competition has this year gathered in the cream of the three upper classes, practically necessitating the rebuilding of entirely new combinations. Freshman material is rounding out into a fast unit and promises to become an important factor in future series. The coming contests will adhere to the following rules:

1. The Annual Interclass Basketball Series shall commence Friday evening, Jan. 5, and continue until each class team has played two games with each of the other classes.

2. Six championship medals shall be awarded to the team winning the greatest percentage of their games. In case of tie the play-off shall be arranged by the Interclass Athletic Board.

3. On Monday of each week a list of the names of the varsity players selected by the coach shall be posted. This list shall constitute the varsity list until the next Monday and shall consist of at least 10 men.

4. On Monday of each week a list of the freshman players selected by the coach shall be posted. This list shall constitute the freshman list until the next Monday and shall consist of at least five men.

5. No man whose name appears on either the varsity or freshman list shall be eligible to compete in the interclass games for that week.

LANDSCAPE CLUB TAKES ON NEW LEASE OF LIFE

The Landscape Art club of M. A. C. which for a long time has theoretically existed on the campus, was last Tuesday night reorganized upon a defiuite basis by the senior members of the club. A constitution has been drawn up under the careful supervision of President Raudall and will be presented for the approval of the members Thursday night.

This year, in addition to the election of officers, which has been the only red letter date of the club's yearly history, it is planned to have weekly meetings for the rest of the college year with an interesting and instructive program carried out either by the landscape students themselves or by efficient outside talent. Besides lectures and discussions there will be practical problems assigned on the various phases of landscape work that will be encountered, with criticisms by Mr. Smith of the Extension staff or Professors Waugh and Harrison of the Landscape department.

MUSICAL CLUBS LOOK FOR SUCCESSFUL XMAS TRIP

The musical clubs are fast being groomed up for the annual Christmas trip to Bostou and vicinity. This year, judging from the reports of the Hadley coucert of last week, both glee and mandolin clubs even exceed those of last year in quality of music rendered. The Boston schedule calls for eight coucerts, the big event of the week being the Hotel Somerset dance. Those making the trip are as follows:

Glee Club.

C. T. Mower '18 of Montpelier, Vt.
M. R. Lawrence '17 of Falmouth.
K. L. Messenger '18 of Winsted, Conn.
F. C. Stackpole '18 of Somerville.
H. N. Worthley '18 of Wakefield.
R. W. Weeks '18 of Hyde Park.
R. D. Hawley '18 of Springfield.
Roger Readio '19 of Florence.
H. M. Goff '19 of Cambridge.
J. J. Magiunis '18 of Lawrence.
G. C. Norcross '18 of Brimfield.
L. P. Hastings '19 of Springfield.
W. G. Sawyer '18 of Berlin.
R. M. Rodgers '17 of Everett.
F. E. Harlow '17 of Malden.
A. F. Tilton '18 of Wellesley.
W. W. Thayer '17 of Somerville.

Mandolin Club.

C. A. Gurshin '17 of Lynn.
F. H. Caulett '18 of Bedford.
F. V. Waugh '20 of Amherst.
C. M. Boardman '20 of Amherst.
L. W. Ross '17 of Arlington.
C. O. Dunbar '19 of Westfield.
W. Saville '17 of Waban.
T. B. Mitchell '18 of Needham.
S. M. Richardson '18 of Marlboro.
F. K. Haines '18 of Peabody.
W. N. Thompson '18 of Adams.
J. F. Whitney '17 of Brooklyn, N. Y.
A. F. Boyce '19 of Melrose.
P. A. Readio '20 of Florence.
W. A. Luce '20 of West Boylston.
L. W. Burton '19 of Plainville.
J. A. Chapman '18 of Salem.
S. C. Johnson '19 of Gloucester.
A. L. Bell '17 of Newton.

The Christmas trip engagements are:

Dec. 27, DeMolay Commandery, Masonic Temple, Boston.
Dec. 28, Somerville High School. Auspices Somerville Club.
Dec. 29, Afternoon, Filene's Restaurant. Evening, Somerset Hotel, annual concert and dance.
Dec. 30, Open.
Dec. 31, Ford Hall Foundation, Boston.
Jan. 1, Newburyport.
Jan. 2, Falmouth.

FORM CHEMISTRY CLUB

At the last meeting of the 1918 Chemistry Club the following officers were elected: President, Fred B. Sampson of Fall River; vice-president, Warren H. McNaught of Plymouth; secretary, Oliver O'Neil of Dorchester; chairman of program committee, Axel U. Stjernloff of Worcester.

Dr. Peters read a letter from Sanchelli '15, describing the opportunities for chemistry in Malay peninsula. Dr. Anderson spoke about "Integrity in Chemistry." The subject of Dr. Chamberlain's talk was, "Hard Work." Dr. Lindsey gave, "The Meaning of Chemistry."

Specialists in

Students' Needs

FOR generations we have served the college men and students of all New England and we know their requirements.

Our stocks of Student Clothing, Haberdashery, Shoes, Athletic and Sporting Goods, Jewelry, Rugs, Desks and Books are complete and moderately priced.

Sole Agents in Boston for the justly famous

Society Brand Clothes

Free delivery to Amherst of any purchase—large or small.

JORDAN MARSH COMPANY
Boston

Dr. L. O. Whitman
21 Pleasant St., Amherst, Mass.
Office Hours: 1-3, 7-8 p. m. Sunday and other hours by appointment.

Croysdale Inn
SOUTH HADLEY, MASS.
Good Beds and Good Things to Eat.
Telephone 2628-W, Holyoke.

Cox Sons & Vining
72 Madison Ave., New York

Caps
Gowns
Hoods
for all Degrees

ROBES FOR JUDICIARY, CLERGY AND CHOIR

RAHAR'S INN
Northampton, Massachusetts
EUROPEAN PLAN
The Best Place to Dine
All Kinds of Sea Food
Special luncheon from 11:30 to 2 p. m.
A la carte service
6-30 a. m. to 11-30 p. m.
R. J. RAHAR, Prop.

Eyes Examined
Glasses Furnished
OSCAR L. McCULLOCH
54 Suffolk St. Holyoke, Mass.

FLEMING'S SHOE STORE
Northampton

FLOWERS AND PLANTS
Grown by the Floricultural Dept.
We offer our surplus stock of cut flowers and plants at reasonable rates to students and faculty. This stock is grown in modern houses under ideal conditions. Roses, carnations, violets, chrysanthemums and sweet peas in season.
GROWN ON THE CAMPUS
Telephone 200

The "Nonotuck"
HOLYOKE'S LEADING HOTEL
Club Breakfasts, 25c to 75c
Business Men's Luncheon, 60c
Sunday Table d'Hote Dinner, $1.25
GORHAM BENEDICT, Mgr.

MR. KEELER TO SPEAK

To Address Florists' and Gardeners' Club Thursday Evening

J. N. Keeler, Boston manager for Hitchings & Company, greenhouse builders, is to be the speaker at the regular meeting of the M. A. C. Florists' and Gardeners' Club in French Hall, Thursday evening at 7-00 o'clock. Mr. Keeler is one of the best informed men on greenhouse construction in this section of the country. He will speak on "Greenhouses—their Details, Arrangements, and Construction," and will illustrate his talk with a large number of lantern slides.

This lecture Thursday night is the first of a series to be given under the auspices of the club. The list of speakers includes some of the best men in the country in the different branches of floricultural and horticultural work. The lectures are open to all students, and members of the two lower classes who are interested in floriculture are especially invited to attend.

SUNDAY CHAPEL SPEAKER

Mr. Daniel A. Poling of Boston to Give Final Talk of Term.

The last Sunday chapel speaker of the present calendar year will be Mr. Daniel A. Poling of Boston, a man perhaps of the highest influence and authority on the temperance question in this part of the country. A graduate of Dallas College in 1904 and a student at Lafayette Seminary, he has been engaged in a work of stupendous activity, being president of the United Society of Christian Endeavor, vice president of the World's Christian Endeavor union, president of the National Temperance Council of America and vice-president of the Anti-saloon League, the National Intercollegiate Prohibition Association and the Scientific Temperance Federation. In 1912 he was candidate for governor of Ohio. He is the author of "Mothers of Men," and numerous religious and temperance pamphlets.

AID IN INVESTIGATION

Students in Agricultural Economics 75, Markets and Marketing, are lending their aid in the state investigation of this college in an important way. Dr. Alexander E. Cance, head of the economics department, has been commissioned by the investigating committee to write a pamphlet on the possible extension of agricultural production in Massachusetts. The object of this pamphlet is to show reasons why Massachusetts should consider agriculture an industry importan enough to warrant more extende! state aid to agricultural education. In order to obtain all the information necessary, Dr. Cance has asked each member of his class to write his ideas on the subject.

WINTER SHORT COURSE

To Open Jan. 1 Term Lengthened to 12 Weeks. Study in Agriculture and Horticulture.

The college is looking forward to the largest registration ever in the annual winter short courses which are to start on Jan. 1. The term will last 12 weeks instead of 10 as in past years, and will offer especial advantages to farmers who can get away for the winter season. Here will be afforded every one an exceptional opportunity for "professional improvement" along all the lines pertaining to agriculture. The college extends a broad invitation to the people of the commonwealth to enjoy the benefits of their own state college at minimum expense.

In the agricultural group courses are offered in soil fertility and field crops; in types and breeds of livestock, livestock feeding and animal breeding; in dairying and dairy bacteriology. Other available courses include the study of animal diseases and stable sanitation, poultry husbandry, farm management and farm accounts. In the horticultural group are short courses in fruit growing, market gardening, landscape gardening, including rural civic improvement, floriculture and forestry. The allied sciences are not neglected in the curriculum offered, which includes botany (plant diseases) entomology, beekeeping, farm mechanics and rural sanitary science, marketing and distribution.

The registration fee for these courses, which are given under the teaching of the regular faculty staff, is $5. Besides the cost of textbooks, which is not large, the only expense is for living. Early registration is especially desirable.

WORTHLEY NEW LEADER

Harlan N. Worthley '18, has been chosen to lead the glee clubs for the remainder of the year, due to the resignation of Francis G. Edwards '17, of Salem. Edwards was seriously injured during the football season and as a result has been forced to give up all college activities, or run the risk of a nervous collapse. Worthley has been member of the glee club and college quartette for three years, as well as baritone soloist.

TO INVESTIGATE STORES

At the suggestion of the economics department, the college senate has appointed a committee of two from its number to investigate the merits of co-operative stores in the many colleges where they exist, with a view to their adaptability at M. A. C. On the senate committee are Robert C. Westman '17 and Sidney S. Smith '18. A faculty committee of three, Prof. Alexander E. Cance and Ralph N. Rutledge of the economics department and Prof. Harold E. Robbins of the physics department, will work in conjunction with the senate committee.

GREAT SALE

—OF—

PATRICK MACKINAWS

AT CAMPION'S

—Come to us for—

Fireplace Goods, Coat and Trouser Hangers
Ever Ready Flash Lights and Paint
Clothes and Shoe Brushes
Anything in Hardware and Cooking Utensils

Always glad to see you.

THE MUTUAL PLUMBING & HEATING CO.

BURPEE REGISTERED W A B TRADE MARK "The Seal of Quality"

Burpee's Seeds Grow

FOR forty years we have rendered faithful service. For forty years we have tried to make each year's service more nearly ideal. This untiring effort has built for us not only The World's Largest Mail Order Seed Business, but also a World Wide reputation for Efficiency and undisputed leadership. The Fortieth Anniversary Edition of **Burpee's Annual, *the* "Leading American Seed Catalog"** is brighter and better than ever. It is mailed free. A postcard will bring it.

W. ATLEE BURPEE & CO., Seed Growers,
Burpee Buildings Philadelphia

Page's Shoe Store
Largest Stock—Lowest Prices
Expert Repairing—Best leather used

JACKSON & CUTLER
—DEALERS IN—
Dry and Fancy Goods and Choice Family Groceries

THE MASSACHUSETTS COLLEGIAN

Published every Tuesday evening by the Students of the Massachusetts Agricultural College.

BOARD OF EDITORS.

RICHARD W. SMITH '17. Editor-in-Chief
MARSHALL O. LANPHEAR '18. Managing Editor
MILFORD R. LAWRENCE '17, Assistant Editor
WILLIAM SAVILLE, JR. '17, Alumni Editor

ASSOCIATE EDITORS.

JOHN T. DIZER '17
JOSEPH F. WHITNEY '17
FRANK J. BINKS '18
NATHAN W. GILLETTE '18
ELIOT M. BUFFUM '19
MYRON F. EVANS '19

BUSINESS DEPARTMENT.

MERRILL P. WARNER '17, Business Manager
JAMES C. POWELL '18,
Assistant Business Manager
BIRGER R. ROSEQUIST '18,
Advertising Manager

Subscription $2.00 per year. Single copies, 8 cents. Make all orders payable to **Merrill P. Warner.**

In case of change of address, subscribers will please notify the business manager as soon as possible.

Entered as second-class matter at the Amherst Post Office.

Vol. XXVII. Tuesday, Dec. 12. No. 11

The next issue of the Collegian will appear January 2.

THE question of interfraternity athletics recurs every so often, its latest form being the proposed relay series, rules for which are already being considered. We have often wondered how it has looked to a neutral to see in past years one class of college men setting itself apart from the rest in order to have its own little exclusive competition without being hampered by the participation of those not fortunate enough to wear a fraternity badge. It is, after all, a mighty small matter to be exclusive about, yet one that has been a bone of contention between fraternities and non-fraternity men for some time. Admitting that the fraternity is the natural unit to be represented by an athletic team, would it not be better to drop the word "interfraternity" and substitute the broader term "intramural" as applied to such contests "within the walls." Then no one's conscience would prick him if the Common's club and other non-fraternity men were allowed to enter teams. All would compete on the same basis, and the supply of good fellowship which the fraternities now gain through friendly rivalry would be made just so much more effective. We offer as a constructive suggestion that the rules and regulations be drawn up by a board of managers representing each team which desires to enter the series, rather than by any committee of the fraternity conference.

The approach to the microbiology building has been greatly improved by the construction of a gravel walk leading west of the physics building to the road.

CAMPUS CALENDAR

[Notices for this column should be dropped in at the COLLEGIAN office or handed to Nathan W. Gillette '18 on or before the Monday preceding each issue.]

WEDNESDAY, DEC. 13

2-10 P. M.—Assembly, Mr. Charles H. Gould M. A. C. 1916.
6-30 P. M.—Mandolin Club Rehearsal, Social Union.
7-00 P. M.—Senior and Junior Party, Auditorium.
9-45 P. M.—Senior Smoker. Social Union.

THURSDAY, DEC. 14

6-30 P. M.—Combined Musical Club Rehearsal, Auditorium.
7-00 P. M.—Landscape Art Club, Wilder Hall.
7-00 P. M.—Florist's and Gardener's Club, illustrated lecture, Mr. J. S. Kreler, Boston, Mass.

FRIDAY, DEC. 15.

8-00 A. M. to 7-30 P. M.—Poultry Show.
7-00 P. M.—Chemistry Club, Chemistry Library.
7-00 P. M.—Mr. Earle L. Ovington, Auditorium.

SATURDAY, DEC. 16

10-00 A. M.—Poultry Show open to Public.
2-00 P. M.—Auction of Exhibits.

SUNDAY, DEC 17

9-10 P. M.—Chapel, Mr. Daniel Poling, Associate President Christian Endeavor, Boston, Mass.
6-00 P. M.—Y. M. C. A. Meeting, Social Union.

COLLEGIAN COMPETITION

The standing of competitors for the business department of the COLLEGIAN is announced.

All competitors should hand in their time every week in order to get credit for it. One credit is given for every two hours office work, one credit for every $4.00 new advertising, one credit for every $8.00 renewed advertising. To be eligible for election for either business manager or advertising manager a competitor must have earned twenty-five points, one point of which must be from advertising matter. Standing through Dec. 9 is as follows:

	1919
S. B. Ferris	35.50 points
H. E. Spaulding	9.25 points
W. C. King	6.75 points
	1920
J. C. Maples	20.25 points
G. A. Smith	13.50 points
Wm. H. Peckham	8.75 points
G. R. Derick	6.50 points
D. C. Douglass	1 points

NO NEW ENT. COURSES

Incorrect phrasing of facts made the COLLEGIAN announce last week that "new" courses are to be given by the department of entomology. The changes involved amount merely to a revision and expansion of present courses, enabling the department to devote more time than heretofore to some important aspects of its subject. This provides some new work in the courses but the foundations have not been changed, and so no additional courses have been offered.

MUSICAL CLUBS SCORE IN HADLEY CONCERT

In their first concert of the year, the musical clubs scored a decided success at Hadley Friday. The numbers on the program were practically the same as will be given during the Christmas trip with the exception that the quartet and the banjo and banjo-mandolin sextet will be introduced.

Friday's concert which lasted about one hour and a half, was followed by dancing until after eleven o'clock when the last car left for Amherst. The audience was composed mainly of Hadley people. They were very responsive and the club found it a pleasure to appear before them. Mr. Leiper's readings created the greatest sensation, laughter and applause of the evening, with the possible exception of the Hawaiian sextet, which was substituted for the popular medley by the mandolin club.

RIFLE TEAM PRACTICE

Several New Men on Squad. Men Grooming for First Match.

Candidates for the indoor Rifle Team have been knocking holes in the bull's-eye for several weeks and are looking forward to the date of the first match. Two men among the leading scorers have never shot before with the squad. They are A. B. Loring and R. W. Rogers, both seniors. W. J. Sweeney and E. F. Parsons both of 1919 are making an excellent showing. The National Rifle Association has not announced the schedule as yet, but the first match is expected soon after the Christmas vacation. Any men who have not yet reported are asked by Captain Canlett to do so at once in order that they may receive proper try-outs before the match.

FORM NEW BOTANY CLUB

For the essential purpose of instilling a greater interest in the student body, those majoring and engaged in advanced work in botany have formed a club meeting probably once a month for the discussion and reading of papers of interest. The first meeting was held Tuesday evening, Dec. 5, in Clark Hall and the following officers elected: President, Donald White of Wakefield, a Harvard graduate student; vice-president and curator, Prof. A. Vincent Osmun of the department of botany; secretary and treasurer, Prof. Charles H. Thomson of the horticultural department It was decided to call this latest of the numerous department activities the Tuckerman Botanical club in honor of Professor Tuckerman of the class of '78 and an eminent authority on the natural science. There followed instructive papers by Dr. Anderson and Mr. Martin, both of this department, on fleshy fungi and algae found respectively in and around Amherst during the fall of 1916.

BOYS

During Exams don't worry about what you are going to give your **wife** for Xmas.

We have **his** brand of tobacco or cigarettes in Xmas packages.

She'll love you better next term.

HENRY ADAMS & CO.

The REXALL Store

DE LAVAL SUPERIORITY

Demonstrated Once More at the National Dairy Show

BUTTER made from cream separated by De Laval Separators made the usual clean sweep of all highest awards at the great National Dairy Show held in Springfield, Mass., in October.

In the Whole Milk Creamery Butter Class the highest award was made to N. C. Nelson of Grove City, Pa., who is the user of a De Laval Power Separator.

In the Farm Dairy Butter Class the highest award was made to P. H. Robinson of Egypt, Mass., buttermaker on Thomas W. Lawson's famous farm, and for fifteen years a De Laval user.

In the Market Cream Class the three highest scores were achieved by T. P. Lindsay, Southboro, Mass.; Branford Farms, Groton, Conn., and A. S. Harris, Fitchburg, Mass., respectively—all De Laval users.

Aside from the gold medal and highest awards in these important classes, the great majority of all other awards and highest scores were likewise given to De Laval users, again conclusively demonstrating the superiority of De Laval Dairy products.

THE DE LAVAL SEPARATOR COMPANY

165 BROADWAY, NEW YORK — 29 E. MADISON ST., CHICAGO

For Greatest Satisfaction Use
DOUBLE SERVICE Automobile-Tires
Guaranteed 7,000 Miles Service
Absolutely Puncturepreof

Double Service Tires are made double the thickness of the best standard make tires.

This 100% greater wearing surface naturally gives that much more mileage and service. The average of 12 miles of tough fabric and one inch surface tread rubber makes these tires absolutely puncturepreof.

These tires excel all others for use in the country over rough and rugged roads as well as on hard pavements. They are as easy riding and resilient as any other pneumatic tire—the air space and pressure being the same.

They are the most economical and "care free" tires made and are used where tires must be depended on and tire troubles cannot be tolerated. Many *Double Service* style tires are in use in the U. S. government and European War service.

Our output is limited to a certain amount, but for a short time we offer the following personal special prices as an introductory Offer!

PRICES

Size	Fabric Tires	Cord Tires	Size	Fabric Tires	Cord Tires
30x3 in.	$ 8.00	$12.00	32x4 in.	$17.45	$ 24.05
30x3½ in.	10.05	14.10	33x4½ in.	21.55	30.05
32x3½ in.	12.15	16.20	34x4½ in.	23.60	32.10
31x4 in.	13.75	17.70	37x5 in.	28.00	36.00
34x4 in.	15.10	19.05	37x5½ in.	30.50	40.00

All other sizes not included in above list also furnished. Non-skids at 10% additional. Terms: Payment with order at above special prices, a 10% discount allowed on orders for two or more tires. All personal checks must be certified.

Try these tires now and be convinced of their very high qualities. Sold direct to the consumer only.

Descriptive folder upon request. Write for it.

Double Service Tire & Rubber Co., Akron, O. Dept.

DOUBLE THICKNESS OF TREAD AND BASE ABSOLUTELY PUNCTUREPROOF

ABOUT THE CAMPUS

Lee W. Burton '19 of Plainville, Mass., has pledged Kappa Gamma Phi.

The agronomy department will run a corn and potato show this year in connection with farmer's week. The prizes, which will be ribbons, will be supplied by the extension department of the college.

At the show of the Springfield Poultry Club next week a special feature has been secured in an M. A. C. exhibit pertaining to the housing and care of poultry with egg testing demonstrations.

A interesting statistical article on race suicide among the people of Massachusetts by Dr. Robert J. Sprague of the departments of humanities and economics was featured in a recent edition of a Boston newspaper.

Students in floriculture are spending most of their time in the French Hall laboratory in an attempt to master the names of the numerous cut flowers and the foliage plants in demand at Christmas time. This work is preparation for the practical work in retail stores which several members intend to try during the holiday rush season.

POULTRY TEAM TO ENTER INTERCOLLEGIATE CONTEST

The poultry judging team under the direction of Mr. Rucker of the poultry department, is fast shaping itself for the coming intercollegiate contest which will be held in Madison Square Garden, New York. The men are judging at different local shows after the birds have been placed by the professional judges and the team's work is compared with theirs. The team took in the Greenfield Poultry Show, at Greenfield, Dec. 6, and is planning to visit the Northampton Show Dec. 13, 14, 15, and the Springfield Poultry Show, Dec. 19-22. The men who made the trip to Greenfield are: Oliver S. Flint '17, of Lowell, James J. Warren '17, of North Brookfield, Brooks Light '17, of Milton, and David H. Buttrick '17, of Arlington. Four men will make the trip to New York, three to judge and one man as alternate.

HOCKEY RINK READY

A brand new hockey rink will be ready to put in place on Alumni Field Wednesday. It will be constructed of wood. The planks will come in ten foot sections so arranged that they will slide into slots at each end. The boards are to be sunk into a gutter which extends all around the cage of the rink. This gutter slopes gradually toward the center of the rink so that the thickest ice will be next to the boards. All around the outside it is to be banked up with dirt and snow about one and one-half feet high making the rink entirely water-tight. The water supply will be obtained from the hydrant just north of the Veterinary Laboratory entrance.

FOOTBALL CAPTAINS

Several Colleges Have Chosen Leaders for 1917. Ends are Popular Choice

Although the election of football captains has been deferred in many colleges until an unusually late date, there are many who have already chosen their leaders for the season of 1917. Ends seem to be the most popular choice. The following is a list made public to date:

Harvard, W. H. Wheeler, tackle, Yonkers, N. Y.
Yale, A. F. Gates, tackle, Clinton, Ia.
Dartmouth, F. J. Dussossoit, end, Brookline
Tufts, E. E. Doane, fullback, Somerville
M. A. C., R. W. Weeks, fullback, Hyde Park
Williams, G. B. Clifford, tackle, Minneapolis, Minn.
Colby, E. Perry, end, Lawrence
Carlisle, G. Tibbets, end, Wisconsin
Penn. State, R. A. Higgins, end
Univ. Virginia, J. C. Ward, tackle, Paris, Ky.
Syracuse, Joseph DuMuc, end
Univ. Michigan, Cedric C. Smith, fullback, Bay City, Mich.
N. Dakota Aggies, Paul Peterson, Moorhead, N. D.
Springfield Y. M. C. A., H. Drew, halfback, Patten, Me.

Larry Bauhart, who has coached the Colgate eleven for the last few years, will succeed Frank Kavanagh as coach of football at Dartmouth.

YOUNG ALLUMNUS KILLED

Alfred F. Mueller '12, landscape architect, was killed at Kenosha, Wis., on Dec 8, when the automobile in which he was riding was struck by a train at a grade crossing. Mr. Mueller, immediately on his graduation in 1912, entered the employ of Mr. John Nolen, landscape architect and city planner, of Cambridge, Mass., and remained with him until very recently, when he was elected manager of the Kenosha Homes Co. This is a promising housing and land development project at Kenosha, Wis.

He was recognized as one of the promising young men in the profession, and was to have appeared this week on the program of the American Civic Association in Washington.

In college Mr. Mueller was a member of Kappa Gamma Phi and one of the organizers of the Landscape Club. His home was in Jamaica Plain.

PAGEANT MASTER ARIVES

Mr William C. Langdon, master of the historical pageant to be presented at the anniversary exercises next fall, is in Amherst. He is planning to arrange a municipal Christmas tree for the town and a pageant to represent the birth of Christ. Several faculty members have signified intention of taking part.

In a 3-day campaign the Williams College Y. M. C. A. raised $8,350 for the betterment of conditions in the prison camps of Europe.

GRADUATE STUDENT WRITES THESIS ON ORCHARDING

New methods in the care of the apple orchard have been presented by R. P. Armstrong, a graduate student in the department of pomology in this institution, in his thesis entitled "Training of the Apple Tree," which he has submitted as the result of his research and study for the degree of Master of Science. While his theories and proposed improvements in present methods have not yet been presented to and officially accepted by the college, Mr. Armstrong has substantiated every innovation by observations on carefully conducted experiments and further has found several growers in various parts of the country who have followed plans which in part, at least, closely approach his own. The general aim of the work is suiting the training to the variety, each branch of a variety with large growing spurs, for example, being given more room to develop than a variety bearing branches with short spurs, as opposed to the general methods now in vogue of training practically all varieties in the same manner. Mr. Armstrong is in favor of the leader type of tree rather than the more common vase or globular type, and has worked out plans for the care and training of the trees from the time of setting to the bearing age which are a departure from methods ordinarily advocated. His work in every detail bears the marks of careful investigation, exhaustive study, and extensive experimental verification.

INFORMAL

The second informal of the year held in the drill hall last Saturday was attended by over 120 couples. The chaperons were: from Smith, Mrs. Miller, Miss Grace Carter, Mrs. C. F. A. Lange, Dr. Marion Shepard; from Mt. Holyoke, Mrs. Belle J. Shaffner; from M. A. C., Mrs. Fleet and Mrs. Osmun.

RESOLUTIONS

Whereas, it has pleased God in his infinite wisdom to take unto himself our beloved brother Alfred F. Muller '12, therefore be it

Resolved, that the members of Kappa Gamma Phi fraternity do extend to his family our sincerest sympathy in this their hour of grief, and be it further

Resolved, that a copy of these resolutions be sent to his parents, that a copy be inserted in the Massachusetts COLLEGIAN, and lastly, that a copy be inscribed upon the records of our fraternity.

ROBERT C. WESTMAN, ROBERT L. BOYD, GERALD M. GULLIGAN, } For the Fraternity.

E. B. DICKINSON, D.D.S.

DENTAL ROOMS

Williams Block, Amherst, Mass.

Office Hours 9 to 12 a. m., 1-30 to 5 p. m.

THE United States Hotel

Beach, Lincoln and Kingston Sts.

BOSTON, MASS.

Only two blocks from South Terminal Station, and easily reached from North Station by Elevated Railway, and convenient alike to the great establishops and business centre, also to the theatres and places of interest.

European Plan $1.00 per Day and Upwards

Table and service unsurpassed. Booklet and map sent upon application

TILLY HAYNES, Proprietor — JAMES C. HICKEY, Manager

WEBSTER'S STUDIO

Everything in Photography

GROUPS A SPECIALTY

Good work speaks for itself.

NASH BLOCK, AMHERST, MASS.

AMHERST BOOK STORE

Note Books — Fountain Pens

Agents for Rex Typewriter

F. M. CURRAN — C. F. DYER

MARSH'S SANITARY

Students' Furniture

RUGS AND CARPETS

— E. B. MARSH ESTATE —

ESTABLISHED 1892

STEPHEN LANE FOLGER, Inc.
MANUFACTURING JEWELERS
180 BROADWAY, NEW YORK

CLUB AND COLLEGE PINS AND RINGS

GOLD, SILVER AND BRONZE MEDALS

— JOIN THE BUNCH AT —
EPSTEIN'S TAILORING PARLORS

Now located over post office. Up one flight

Pressing and Cleaning a Specialty

Liberal Ticket System — Tel. 36-M

College Stationery

With Class Numerals.

Magazines, Newspapers and Fountain Pens

A. J. HASTINGS

Newsdealer and Stationer

Gallup at Holyoke

293-297 High St.

— SELLS —

Hart Schaffner & Marx Clothes

Come down to Holyoke and see our big store

S. S. HYDE
JEWELER & OPTICIAN
13 Pleasant St.
Oculists' Prescriptions Filled. Broken Lenses Accurately Replaced. Fine Watch Repairing Promptly and Skilfully Done.
Satisfaction Guaranteed

PLYMOUTH INN
Northampton
Quiet and Comfortable—Every facility for
BANQUETS PARTY DINNERS
American and European Plans

"BIDE-A-WEE"
Creamed Chicken and Waffles
Our Specialty—And other good things to eat
MRS. L. M. STEBBINS,
Middle Street, Hadley, Mass.
Tel. 415-W

The Highland Hotel
Corner of Hillman and Barnes Streets, three blocks from the Union Depot, is a modern hostelry run on the European Plan. It is just a step from Main Street, away from the noise and dust and yet in the center of the business district.
Its rooms are well furnished and comfortable, having a telephone and hot and cold running water in every room. Prices $1 and up; rooms with bath (single) $1.50 and up.
Its excellent cuisine and well ventilated dining room makes a meal a pleasant memory—everything of the highest quality, well cooked and served in the best possible manner.
Stay at the Highland Hotel once and you will anticipate staying there again. Music every evening
D. H. SIEVERS,
Highland Hotel, Springfield, Mass.

WHITE'S MUSIC STORE
HENRY K. WHITE
291 MAIN STREET, NORTHAMPTON
Mandolins, Genuine Hawaiian Ukuleles, Picks, Strings, etc., and music for all instruments and all voices. Instruments may be had on trial.

UNITY CHURCH
NORTH PLEASANT ST.
A Church home of the liberal Faith, where every student will meet with a cordial welcome.
REGULAR SUNDAY SERVICE AT 7 P. M.

Dr. A. H. Daniels, D. O.
OSTEOPATHIC PHYSICIAN
305 LAMBIE BLDG., NORTHAMPTON, MASS.
Telephone

BUY YOUR
Dental Creams, Toilet Soaps, Shaving Powders,
etc., of
A. W. HAMLIN, AMHERST, MASS.
Call at the Dorms and Fraternity Houses.

The Holyoke Valve & Hydrant Co.
Jobbers of Wrought Iron and Brass Pipe, Valves and Fittings for Steam, Water and Gas, Asbestos and Magnesia Boiler and Pipe Coverings, Pipe Cut to Sketch, Mill Supplies. Engineers and Contractors for Steam and Hot Water Heating, Automatic Sprinkler Systems, Boiler and Engine Connections. Holyoke, Mass.

BECKMAN'S
Candies and Ice Cream
"HAMP"

Seniors and Juniors
Now is the time to buy those
FILING CASES
For your Bulletins.
Johnson Book Co.
BARRETT WOODWORTH
Alpha Sigma Phi House.

Batchelder & Snyder Co.
PACKERS AND POULTRY DRESSERS
WHOLESALE ONLY
Beef, Mutton, Lamb, Veal, Pork, Hams, Bacon, Sausages, Poultry, Game, Butter, Cheese, Eggs, Olive Oils.
Blackstone, North and North Centre Streets.
BOSTON, ... MASS.

F. A. SHEPARD
MEN'S STORE
Shoes Hats Furnishings
Local Agent for
E. V. PRICE CO., LAMM CO., BROWNING, KING & CO.,
Custom Tailors
OUR DISCOUNT TICKET SAVES YOU 5%

Carpenter & Morehouse,
PRINTERS,
No 1, Cook Place, Amherst, Mass

THAT INDEX RUSH!

Only those having preliminary tickets may enter. The contestants shall assemble at the entrance to the campus, just north of the Phi Sigma Kappa fraternity house. At a given signal they shall run down across the fields in a south westerly direction to the frame work used for the tackling dummy. From the cross bar of this frame work will be hanging three ropes and at the top of each rope and also at the top of the posts, will be a piece of cardboard with a number on each, the numbers running from 1 to 5. The men climbing the ropes or posts who get numbers 1 and 2 will receive an *Index* free. Those securing 3, 4, and 5, will receive an *Index* for $.50, $1.00 and $1.50 respectively. No man shall take more than one of the numbers.

The time of the rush will be announced later. Remember that none can enter who has not a ticket, so be sure and get your ticket and be in on the fun.

START RELAY PRACTICE

Eleven men reported to Coach Dickinson for the first indoor relay practice of the winter last Monday. There is but one "M" man in college at present, but the material, according to Coach Dickinson, promises a speedy squad. Among the candidates are: Captain Pratt '17, Clough '17, Bell '17, Bainbridge '18, Baker '18, Wooding '18, Gillette '18 and Carpenter '19.

JAPANESE APPLES

Two specimens of apples, called Nakanaruko, were recently received by Dr. Shaw from Japan to be identified. The Nakanaruko is considered a leading variety in Japan having been imported originally from the United States, but it is not known in America what the true name is. The apples were sent to Dr. Shaw by A. Kipnchi, a Japanese professor at the Kanagawa Agricultural Experiment Station, Hopogaya, Yokohama, Japan, who is carrying on experiments and investigations in regard to fruit culture and is very anxious to discover the true name of the fruit. The two apples were sent in a tin can, hermetically sealed, and packed in ground buckwheat. The outward appearance of the apples was perfect in every detail, but due to fermentation the texture and flavor were entirely gone, so it was impossible to identify them absolutely.

PROF. WAUGH IN WASHINGTON

Prof. F. A. Waugh is in Washington this week attending the annual meeting of the American Civic Association of which he is vice-president. He is also chairman of the country planning section and is to preside at the session devoted to country planning subjects. He will deliver an address on "The Classification of Country Roads."

NORTHAMPTON'S NEW MAYOR
A GRADUATE OF M. A. C.

Alvertus J. Morse, a graduate of M. A. C. in the class of 1894, was elected Mayor of Northampton in the annual city election last Tuesday. Mr. Morse ran on the republican ticket and defeated his democratic opponent by 142 votes. While at "Aggie" Mr. Morse was prominent in college activities. He played on his class baseball team, was a director in the baseball association, director of reading room association, vice-president of his class the second and third years and president of his class senior year. He was also prominent in Y. M. C. A. work. He is a member of the Q. T. V. fraternity. In 1901 he received the degree of LL. B. from Boston University, and since that time has been practising law in Northampton. His civic work in the city has been commendable.

LIBRARY NEEDS USERS

As indicated by the attendance at the Division Library on the second floor of Stockbridge hall, very few students know what it has to offer, or event that it is in existence. There are some 900 volumes on the shelves, including Experiment Station bulletins, U. S. D. A reports and Farmers' Bulletins, the 13th United States Census, the New International Encyclopedia, cerd books, reference books relating to agriculture, and many other features. At present there are 16 magazines whose current issues and back numbers are on file on the desks. In addition, there are some 40 magazines, contributed by different departments which come in a trifle late. Among the many valuable collections, mention should be made of an historical compilation of newspaper clippings, programs of entertainments, and the like which is kept on file. Particular attention is drawn to the comfortable chairs and desks, convenient for writing, and to the quiet that prevails in sharp contrast to the bustle of the main library. The lighting and ventilation systems are perfect. The hours are from 8-00 to 12-00 A. M. and 12-30 to 5-15 P. M. Located so near the dining hall, with so many admirable features, more students could avail the mselves of the idle half-hour at noon, to read or to study.

With the new rushing rules for fraternities at the University of Wisconsin, regular initiations will be held at the beginning of the second semester and freshmen will be allowed to live in fraternity houses after having completed one semester of regular university work. Since the societies have agreed not to meet the first year men at trains, a registration system giving their addresses has been organized by the dean.

Hazing and class rushes have been abolished at Lehigh university this year.

APIARY EXPERIMENTS ON THE WINTERING OF BEES

Preparedness is well exemplified in the college apiary where the colonies, under the supervision of Burton N. Gates, associate professor of beekeeping in this institution, have been made ready for the winter by superintendent of the apiary, John L. Byard. Nearly thirty colonies are being wintered outdoors, protection being secured by packing in winter cases which consist of a box-like structure fitting over the hive and leaving a space of six to eight inches between it and the hive. The space is filled with packing of some sort, leaves being the customary medium, while sawdust and ground cork are also being used, and it is planned by the department to secure data on the efficiency of these materials. Cellar wintering is also practiced in the apiary mainly to secure results which determine the efficiency of indoor wintering as compared to wintering on the stands, for while the loss due to exposure to the weather is usually great in all beeyards, especially when the hives are not properly packed, the loses in cellar wintering are also usually quite severe, since it is hard to secure ideal conditions of moisture, temperature and like conditions indoors. The college beeworkers have established some good records in cellar wintering in the past, for the apiary is well built for the purpose.

REQUIREMENTS FOR ADMISSION TO MEDICAL COLLEGES

In recent years developments have taken place in the requirements for admission to medical colleges in the United States of which students in following their academic studies should have knowledge.

Under the influence of the American Medical Association, of the Association of the American Medical Colleges, and of State Boards of Medical Registration, all of the better colleges in this country now require, or are about to require, for admission not less than two years of college work, together with the training represented by full year college courses of eight semester hours value each in physics, inorganic chemistry, and biology (at least half of which shall be zoology), all including laboratory work, and a knowledge of either French or German.

Many medical schools have requirements in addition to these, but the requirements above mentioned are needed for admission to all colleges of the better grade. The Harvard Medical School, and certain other colleges, require organic chemistry before admission. Certain colleges require a degree in arts or science instead of two years of college work. Other special requirements exist.

Students considering the study of medicine are, therefore, advised to write early in their college course to the deans of medical colleges which they may wish to enter to ascertain exactly what they must do to gain admission.

ALUMNI NOTES

'02.—Prof. C. I. Lewis head of the horticultural department and vice-director of the Experiment Station at Oregon Agricultural college, Corvallis, Oregon was on the campus this week. Professor Lewis has not seen the campus since 1909 and now finds a large number of changes for the better.

'13.—George Zabriskie 2nd has left the New England Westinghouse Co. to accept a position in the freight department of the Grand Trunk Pacific Railway at Winnipeg. "Zab" states that he is only in the freight department and not as yet president of the road. Address, 277 Assiniboine Ave., Winnipeg, Manitoba.

INTERCOLLEGIATE NOTES

Authorities at Leland Stanford university are making arrangements for intersectional baseball games with the leading eastern colleges.

Lawrence college (Wis.) co-eds. are working for their letters by hiking, playing basketball, track and swimming, all of which activities gain points for them.

The recent graduation of two Japanese women from the University of Saudai, Japan, with the degree of "rik akushi," or bachelor of science, marks an epoch in the advance of education in Japan. The Imperial University was opened to women four years ago.

By order of the Queen of Netherlands, the Dutch minister to the United States recently attended the 150th anniversary pageant at Rutgers College. This institution was founded in 1766 by Dutch colonists from New York and New Jersey under a royal charter from the King of England.

PROGRAM FOR POULTRY SHOW

FRIDAY, DEC. 15.

8.00 A. M.—Student Judging Contest.
10.00 A. M.—Judging of Exhibits.
1.00 P. M.—The Second Annual Dressed Market Poultry and Egg Show will be open to the public. Room 312, Stockbridge Hall, admission free.

EVENING ENTERTAINMENT.

7.30 P. M.—Opening Remarks, J. C. Graham.
Development of Market Poultry Exhibits, L. F. Payne.
8.00 P. M.—Lecture and Demonstration by the Judge.
8.30 P. M.—Demonstration in Trussing and Boning.
9.15 P. M.—Students Dry Picking Contest for the "Mullen Trophy."

SATURDAY, DEC. 16.

10.00 A. M.—Open to the Public.
2.00 P. M.—Auction Sale of Exhibits.

LISTEN!

You can get just the right present here for your "Wife", Father or Brother; something that is personal and they will use and appreciate.

Here are a few suggestions:

Silk mufflers, fifty cents to three fifty.
Smart new ties for every taste, fifty cents to one fifty.
New patterns in shirts, made in every style known. We specialize in Custom made reversible collared shirts. Priced at from one to four dollars.
Gloves, lined or unlined, one to five dollars.
High grade traveling bags and suit cases.
Boston bags, collar bags, handkerchiefs, sox, jewelry, tie racks.

We will be glad to have you come in and look around. Our agent is "Bud" Ross.

SANDERSON & THOMPSON
Hart Schaffner & Marx Clothes

School and College Photographers . . .
White Studio
LOCALLY: 52 Center St., Northampton, Mass., and South Hadley, Mass
MAIN OFFICE: 1546-1548 Broadway, New York City
These Studios offer the best skilled artists and most complete equipment obtainable

DID YOU RAISE 300 BUSHELS OF POTATOES PER ACRE THIS YEAR?
If you did not you are losing part of your profits. Potatoes at almost $2.00 per bushel are the most profitable crop on the farm. Our book,
"Potatoes: A Money Crop"
will insure your full profits. Write to-day for your copy.
Local Agency Manager
THE COE-MORTIMER COMPANY, 51 Chambers St., New York City
Subsidiary of the American Agricultural Chemical Co.
Manufacturers of E. FRANK COE FERTILIZERS
1857 The Business Farmers' Standard for Sixty Years 1917

1916 NOTES

A. E. Hendry has charge of the apiary and fruit at the Conyer farm, Greenwich, Conn.

Ray Chisholm, Central Trinidad, Trinidad, Cuba. "Chis" is superintendent of 1600 acres for the Trinidad Sugar Co.

Ray Wetherbee is principal of the high school in Marlboro, N.H. With the help of several assistants, Ray guards the mental destinies of 250 pupils. Once in a while he meets Mostrom and Wentworth, who are within a few leagues of Marlboro.

Carlton Gunn is junior partner in Charles I. Gunn & Son, proprietors of Maple Grove farm, Sunderland. At present they have 20 head of high grade Holsteins and are emphasizing the dairy department of the farm. The Mettawampe poultry yards are also an important part of the business.

In the class letter, recently sent out, reference to a list of the class was part of a quoted letter, included to indicate that the secretary wants the present addresses of the men. The votes are coming in fast. If you have any extra personal data sheets please return them to the secretary.

The two teams of the Moth Sleuth league rolled a 12-string match at Farmington last week. The 1916 combination, consisting of Mattoon, Nash and Simmons, Hart (manager), polished off the Old Alumni team, composed of Alden '15, Bemis '15 and Wales '12. High string was 110 by Simmons, while Bemis (Bill claimed he had a sore digit) won the cellar position with a score of 45 for 10 boxes. Ont of consideration for the feelings of the Old Alumni, total pinfall figures are witheld.

Since Sept. 1, Bill Estes has been in Atlanta, Ga., living at the Y. M. C. A., Box 703. "As my delay in writing will testify," Bill writes, "I have become acclimated to this semi-parboiled region and shall probably remain long enough to give the elevator boy his customary Christmas tip. I like it here very much. I think there are great opportunities here and a bright future for the landscape business. To date I have been occupied as a draftsman chiefly, but shall be out on construction work from January to May, part of the time in Tennessee and part in Florida."

Dr. A. D. Browne, the new director of physical education at Oregon Agricultural College, plans to place every student of the college on an athletic team in some sport. He believes that every student who is physically fit likes to play some game and his desire should be gratified.

Two new journalism clubs, "Cubs" and "The Scoops," have been organized by the students of Journalism at the University of Wisconsin. Each will meet twice a month to listen to talks on newspaper and magazine work by active writers and editors.

The Massachusetts Agricultural College

Offers courses of instruction in twenty seven teaching departments, which embrace the study of

Agriculture, Horticulture, Science, Humanities and Rural Social Science.

A student may specialize in the following subjects:

Agriculture
Agronomy
Animal Husbandry
Dairying
Poultry Husbandry
Rural Journalism
Floriculture
Forestry
Landscape Gardening
Pomology
Agricultural Chemistry
Agricultural Economics
Economic Entomology
Microbiology
Economic Botany
Agricultural Education
Rural Sociology

For complete catalog and illustrated booklet, write

KENYON L. BUTTERFIELD, PRESIDENT
AMHERST, MASS.

COLLEGIAN DIRECTORY

Associate Alumni, C. A. Peters, Secretary—454-W
Joint Committee on Intercol. Athletics, H. M. Gore, Secretary—403-M
M. A. C. Athletic Field Association, C. S. Hicks, Treasurer—403-M
Non-Athletic Association, H. E. Robbins, Manager—res. 62-W
The College Senate, L. T. Buckman, President—416
Football Association, J. A. Chapman, Manager—8314
Baseball Association, R. D. Hawley, Manager—8314
Track Association, O. S. Flint, Manager—544-M
Hockey Association, M. R. Lawrence, Manager—8347
Basketball Association, N. Moorhouse, Manager—8364
Rifle Club, S. F. Tuthill, President—416
Roister Doisters, A. F. Williams, Manager—8364
Musical Association, D. M. Lipshires, Manager—416
Nineteen Hundred Seventeen Index, F. W. Mayo, Manager—8314
Nineteen Hundred Eighteen Index, K. L. Messenger, Manager—8347
M. A. C. Christian Association, D. O. Merrill, President—416
M. A. C. Catholic Club, J. H. Day, President—8377
Fraternity Conference, L. T. Buckman, President—416
Stockbridge Club, M. J. McNamara, President—580
Interclass Athletic Committee, O. G. Pratt, Secretary—8347

There are Seven Good Reasons why you should buy your

COAL
OF
C. R. ELDER

WOODWARD'S LUNCH

27 Main St., Masonic Bldg., Northampton, Mass.

Lunches, Soda, Ice Cream

Closed only from 1 A. M to 4 A. M

The Connecticut Valley Street Railway

From Amherst, via Northampton, through the Hatfields, past the foot of Sugar Loaf Mt., alongside the famous Bloody Brook battle ground to Old Deerfield, thence to Greenfield, Turners Falls and across the "Plains" to Lake Pleasant, Montague and Millers Falls.

50 Miles of Trackage—Modern Equipment—Train Dispatching System—Freight and Express Service over entire line.

Connecticut Valley Street Railway Company

Jacob Reed's Sons are the leading manufacturers of

UNIFORMS

For college and military schools, and have won and maintain their prestige by sheer merit. The uniforms worn at Massachusetts Agricultural College are finished examples of our product.

JACOB REED'S SONS,
Makers of "Gold Medal Uniforms."
1424-1426 Chestnut St., Philadelphia, Pa.

FOUNTAIN PENS

Moore's Swan's
Waterman's

Thirty-six dozen pens to select from.

—OUR RULE—
"Satisfaction guaranteed or money refunded."

DEUEL'S DRUG STORE

COLLEGE SHOES

We carry the largest stock in the state outside of Boston.

MODERN REPAIR DEPT.

E. M. BOLLES
THE SHOEMAN

CARS

Leave AGGIE COLLEGE for HOLYOKE at 15 min. past the hour.

CARS

Leave AMHERST for AGGIE COLLEGE at 7 and 37 min. past the hour.

Special Cars at Reasonable Rates

AMHERST & SUNDERLAND ST. RY. CO

THE TROY PARLOR
Cleaning Pressing Repairing
Quickest service, Best Work, Lowest Price
All work carefully done. Work called for and delivered. Gents' overcoats, suits, pants and coats. Ladies' fine linen suits a specialty.
Teams will call every day at M. A. C.
WM. FRANKLIN, Prop.
Rear Nash Blk, Amherst. Tel. No. 342-4

Amherst
CO-OP LAUNDRY
High-Grade College Work

Shirts, - - - - 10-15c
Collars, - - - - - 2 1-2c
Cuffs, - - - - - 2 1-2c
Plain wash, - - - 48c per doz.
Same, rough dry, - - 30c per doz.

DRY CLEANING AND PRESSING
Steam Pressing 40c, 3 Suits for $1.00
Dry Cleaning and Pressing, $1.50 a Suit

All bills payable at Co-op. Store and parcels left there will receive prompt attention.

GRAYSON '17, Agent
HIGGINBOTHAM '17, Asst. Agent

THE MASSACHUSETTS COLLEGIAN

MASSACHUSETTS AGRICULTURAL COLLEGE

Vol. XXVII. Amherst, Mass., Tuesday, January 2, 1917. No. 12

Library of the Mass. Agri. College

HOCKEY SEASON TO OPEN JAN. 17 WITH SPRINGFIELD

Schedule Calls for Ten Games. Possibility of Two Contests with Columbia. Freshman Schedule.

Manager Lawrence has announced the varsity hockey schedule for the coming season. It consists of ten games with some of the fastest New England college teams. There are two games with the strong Dartmouth seven, one at Hanover and one at Amherst; two with Springfield Y. M. C. A. College and two with Williams. The speedy Yale team will again be played at New Haven.

Following is the schedule:

M. A. C. vs. Springfield Y. M. C. A. College at Amherst, Wednesday, Jan. 17.
M. A. C. vs. Dartmouth, Saturday, Jan. 20.
M. A. C. vs. Yale at New Haven, Wednesday, Jan. 24.
M. A. C. vs. Williams at Williamstown, Saturday, Jan. 27.
M. A. C. vs. M. I. T. at Amherst, Tuesday, Jan. 30 (Pending.)
M. A. C. vs. West Point at West Point, Saturday, Feb. 3.
M. A. C. vs. Springfield Y. M. C. A. College at Springfield, Wednesday, Feb. 7.
M. A. C. vs. Middlebury at Amherst, Saturday, Feb. 10 (Pending.)
M. A. C. vs. Dartmouth at Amherst, Saturday, Feb. 17.
M. A. C. vs. Williams at Amherst, Friday, Feb. 23.

The hockey season which was formerly started around Christmas time has been shortened and condensed, and now begins the middle of January. This has been thought most satisfactory because of the poor ice conditions earlier in the season. Owing to the introduction of three-term system with finals just before Christmas, it was considered advisable not to schedule the Boston trip of former years.

In addition to the schedule arranged, there is a possibility of two games with Columbia, one here and one in New York City. Negotiations in this direction are being held up somewhat because of the inability of the Columbia management to secure a desirable rink thus far. It is probable that either Columbia or Rensselaer Polytech will be played the day before the West Point game

[Continued on page 5]

BOARD PRESENTS RULES FOR AWARDING NUMERALS

Hope to Give Students Incentive to Come Out for Class Teams. All Classes Affected.

The committee on interclass athletics has drawn up a definite set of rules for awarding class numerals in the future. These apply to all classes. With the object in view of giving an incentive to a more general participation in class athletics, the class numerals have been placed on a plane that will make them as difficult as possible to achieve. By so doiug the Board hopes to make of them something to be respected, appreciated, something worthy the efforts of any student of the college. Following are the rules as drawn up by the committee:

ARTICLE I.—GENERAL RULES.

Section 1. Class numerals shall only be worn when duly authorized by the Class Athletic Board.

Section 2. The Class Athletic Board by unanimous vote may, in exceptional cases, award, withhold, or take away, the class numerals.

Section 3. Class numerals shall only be awarded for participation in games, interclass series, that are duly authorized by the Class Athletic Board.

Section 4. These regulations may be altered, added to, amended, or repealed by two-thirds vote of the members of the Class Athletic Board present, provided a week's notice of such alteration, addition, amendment, or repeal is given to the members by the secretary of the Class Athletic Board.

Section 5. The class numerals shall be of uniform size and design, namely, three and one-half inch plain numerals.

ARTICLE II.

RULES FOR THE FRESHMAN SCHEDULES.

Section 1. The following sports are considered as having freshman schedules: 1, football; 2, hockey; 3, basketball; 4, baseball.

Section 2. Anyone who has played at least one-half of a game, in a majority of the regular scheduled freshman games, and the freshman manager, shall be eligible to receive his class numerals.

ARTICLE III.

RULES FOR THE ANNUAL SOPHOMORE-FRESHMAN CONTESTS.

Section 1. The following shall be considered annual interclass sopho-

[Continued on page 8.]

MUSICAL CLUBS MAKE HIT IN BOSTON AND VICINITY

Christmas Trip Very Successful. Alumni Support Somerset Dance Well. Last Date Today.

Highly successful, both financially and socially, the annual Boston trip of the combined musical clubs of the college comes to an end tonight at Falmouth. The clubs owe a measure of their success to the support given by the alumni.

The first concert was given Wednesday, Dec. 27, at the DeMolay Commandery, Masonic Temple, Boston. On Thursday evening a concert and dance was held at Somerville under the auspices of the M. A. C. Somerville Club. Among the patronesses were Senator and Mrs. Eldridge, Mr. and Mrs. Evans. The New Year's tea at Filenes set the pace for the alumni concert and dance at Hotel Somerset. About 200 alumni and friends entered into the spirit of the occasion and after the concert supplanted the colored orchestra and furnished music for the early dances. The orchestra pro-tem was made up of "Jack" Hutchinson '14 of Arlington and Frank Anderson '16 of Somerville alternating at the piano, with Ray Cushing ex-'16 of Somerville at the traps, Harry Brown '14 on the banjo-mandolin, and "Bud" Ross '17 of Arlington on the banjo. The orchestra was accompanied by a colored soloist in a number of the popular pieces. A buffet lunch was served at intermission, after which dancing continued until 1 A. M. The number of the alumni present indicated their probable support of all similar Aggie projects. The patronesses were Governor and Mrs. Samuel W. McCall, President and Mrs. K. L. Butterfield, Mr. and Mrs. E. A. Quincy, Mrs. H. E. Robbins, Mr. and Mrs. W. K. Hutchinson and Mr. and Mrs. Edward Edwards.

The clubs divided Sunday, the Mandolin Club playing at Ford Hall in Boston, while the Glee Club and Hawaiian Sextet furnished part of a musical program at the Strand theater, Providence. After the concert the Providence section was the guest of the management of the Hotel Blackstone over New Year's day. Present indications from advance sale of tickets at Falmouth indicate a record breaking audience.

[Continued on page 6]

SEUMAS MACMANUS, NOTED IRISH POET, TO LECTURE

At Stockbridge Hall, Saturday Evening Under Auspices of Social Union. Famous Story Teller.

The noted Irish poet and story-teller, Seumas MacManus, will give one of his famous lecture-recitals in Stockbridge Hall, Saturday evening, Jan. 6, at 7 o'clock, under the auspices of the Social Union.

Mr. MacManus, who is traveling this country, has already become very popular with the American public. As a poet, he is a brilliant representative of a race that, more than any other, in this scientific age, has kept alive this magic power of poetic insight and inspiration. It is, however, as a story-teller that he is best known to Americans. His story telling holds audiences spell-bound, and his portrayal of the beautiful lore and quaint life of the Celtic people is charming.

Says Judge Ben. Lindsey of this famous poet story-teller: "Never in my experience have I heard a more wonderful story stelling;" speaking in the same fashion, remarks John Kendrick Bangs: "In Mr. MacManus' animated telling of the tales there is much poetry, for beside being a humorist, he is a poet;" and concludes Prof. Lewis Perry of Williams college: "After two hours of Irish wit and Irish wonder we hated to have the Shanachie leave off telling his tales."

Mr. MacManus is the author of various books, among which may be mentioned, "The Bend of the Road," "Dr. Kilgannon," "Donegal Fairy Stories," and "The Leadin' Road to Donegal." His latest book is "Yourself and the Neighbors."

SHORT COURSE OPENS

The annual twelve-weeks short course opened today with a registration of over a hundred from all over Massachusetts. Complete statistics as to the courses elected are not yet available.

ENGAGEMENT ANNOUNCED

Mr. and Mrs. William L. Hubbard of Sunderland announced, at a family party Christmas day, the engagement of their daughter, Edith Rose Hubbard, to Merrill P. Warner of the class of nineteen-seventeen.

ATHLETIC FIELD REPORT SHOWS SLIGHT DEFICIT

The ninth report on alumni field, dated Jan. 1, 1917, shows a deficit of $248.93, as compared to one of $434.44 for that of June, 1916. The total contributions to date are $11,055.66, and expenditures $11,304.59. The total contributions up to June, 1916 were $10,230.40. No collections have yet been made from the freshman class.

Professor Hicks plans to submit a statement in the near future relative to further needs of the field for track, tennis courts, fencing, etc. Following is the ninth report in detail:

Contributions.

Class.	Amount.
*'71	$65.00
'72	10.00
'73	205.00
'75	100.00
'76	105.00
'77	40.00
'78	83.00
'79	105.00
'82	115.00
'83	45.00
'85	702.00
'87	45.00
'88	157.00
'89	20.00
'90	45.00
'91	160.00
'92	150.00
'93	170.00
'94	59.00
'95	35.00
'96	168.28
'97	49.00
'98	30.00
'99	65.00
'00	35.00
'01	120.00
'02	31.00
**'03	— —
'04	85.00
'06	25.00
'07	83.00
'08	320.00
'09	281.00
'10	170.00
'11	90.00
'12	318.00
'13	715.42
'14	500.25
'15	513.00
***'16	786.69
Alumni contributions,	$6,891.64

*The class of 1871 has contributed 25 tons of lime and four tons of fertilizer valued at $225.
**The class of 1903 is collecting money for the construction of a memorial entrance gate.
***The class of 1916 has contributed $200 to be used specifically for the planting of a hedge around the field.

Faculty,	$377.50
Friends of the college,	186.25
Construction profits,	189.78
College field fund,	408.16
Recreation field fund,	1000.42
College SIGNAL, ('13, '14)	250.00
Miscellaneous Contributions,	$2,412.11
Undergraduate contributions:	
1917.	$1,024.90
1918.	460.00
1919,	266.50
Miscellaneous,	.51
Undergraduate contributions,	$1,751.91
Total alumni,	6,891.64
Total undergraduate,	1,751.91
Total miscellaneous,	2,412.11
Total contributions	$11,055.66

Expenditures.

Grading,	$7,522.93
Fencing,	1,683.94
M. A. C. departments, work,	1,200.25
Lime and fertilizer,	63.97
Seed,	177.26
Implements,	78.54
Tile and cement,	213.19
Student labor,	95.19
Miscellaneous labor,	7.09
Printing and advertising,	68.27
Legal services,	13.96
Total expenditures,	$11,304.59
Total contributions,	11,055.66
Deficit,	$248.93

WELL BALANCED PROGRAM OF SPEAKERS FOR NEW TERM

The administration has been very fortunate in procuring for the coming term an unusually good list of speakers for Wednesday Assembly and Sunday Chapel. Men have been obtained from all walks of life, leaders in their own branch of work, so the student body will be afforded good opportunity to hear the big problems of the day discussed by men who understand them well. The list of Assembly speakers is as follows:

Jan. 3, Prof. Curry S. Hicks, M. A. C.
10, Pending.
17, Dr. W. D. Weatherford, member of the international committee of the Y.M.C.A. Nashville, Tenn.
24, Joe Mitchell Chapple, editor *National Magazine*, Boston.
31, Dennis A. McCarthy, poet and lecturer, Boston.

Feb. 7, President Kenyon L. Butterfield.
14, Joseph Novitski, M. A. C.
21, Hon. Marcus M. Marks, president of the Borough of Manhattan, New York City.
28, Ralph S. Bauer, president of the Essex County Board of Trade, Lynn.

March 7, Capt. Henry W. Fleet, M.A.C.
14, George L. Farley, M. A. C.

Those engaged to speak at the Sunday exercises are as follows:

Jan. 7—Rev. Charles Stelzle, New York city.
14—Pres. J. M. Thomas, Middlebury college, Middlebury, Vt.
21—Dr. S. E. Goldstein, Free Synagogue, New York city.
28—Rev. Philip S. Schenck, pastor Plymouth church Framingham.

Feb. 4—Rev. F. H. Decker, Church House, Providence, R.I.
11—Rev. Abraham M. Ribbany, Church of the Disciples, Boston.
18—Rev. Archibald Black, South Congregational church, Concord, N.H.
25—Rev. Daniel A. Evans, Andover theological seminary, Cambridge.

March 4—Bishop E. F. Hughes, Boston.
11—Owen R. Lovejoy, general secretary of National Child Labor Committee, New York city.
18—Dr. W. H. P. Faunce, president of Brown university, Providence, R.I.

Specialists in

Students' Needs

FOR generations we have served the college men and students of all New England and we know their requirements.

Our stocks of Student Clothing, Haberdashery, Shoes, Athletic and Sporting Goods, Jewelry, Rugs, Desks and Books are complete and moderately priced.

Sole Agents in Boston for the justly famous

Society Brand Clothes

Free delivery to Amherst of any purchase—large or small.

JORDAN MARSH COMPANY
Boston

Dr. L. O. Whitman
21 Pleasant St., Amherst, Mass.
Office Hours: 1-3, 7-8 p. m. Sunday and other hours by appointment.

Croysdale Inn
SOUTH HADLEY, MASS.
Good Beds and Good Things to Eat.
Telephone 2028-W. Holyoke.

Cox Sons & Vining
72 Madison Ave., New York

Caps
Gowns
Hoods
for all Degrees
ROBES FOR JUDICIARY, CLERGY AND CHOIR

RAHAR'S INN
Northampton. Massachusetts
EUROPEAN PLAN
The Best Place to Dine
All Kinds of Sea Food
Special luncheon from 11-30 to 2 p. m.
—A la carte service—
6-30 a. m. to 11-30 p. m.
R. J. RAHAR, Prop.

Eyes Examined
Glasses Furnished
OSCAR L. McCULLOCH
54 Suffolk St. Holyoke, Mass.

FLEMING'S SHOE STORE
Northampton

FLOWERS AND PLANTS
Grown by the Floricultural Dept.
We offer our surplus stock of cut flowers and plants at reasonable rates to students and faculty. This stock is grown in modern houses under ideal conditions. Roses, carnations, violets, chrysanthemums and sweet peas in season.
GROWN ON THE CAMPUS
Telephone 300

The "Nonotuck"
HOLYOKE'S LEADING HOTEL
Club Breakfasts, 25c to 75c
Business Men's Luncheon, 60c
Sunday Table d'Hote Dinner, $1.25
GORHAM BENEDICT, Mgr.

FLINT '17 AWARDED TROPHY AT ANNUAL POULTRY SHOW

Miss Hallock Gets First in Dry Picking Contest. Placings of Market Poultry.

Oliver S. Flint '17 of Lowell was awarded the Batchelor and Snyder trophy at the second annual Dressed Market Poultry Show, held Dec. 15 and 16. He had the highest record in producing, exhibiting and judging poultry, and his name will now be engraved on the silver cup, together with that of E. O. Damon of North Hanover, a commercial poultryman who won the sweepstakes in that class of exhibits. Of the vocational students, Ernest Anderson of Medford won the cup awarded by Professor Graham for the highest score in feeding and exhibiting poultry. Miss Genevieve Hallock of Woodville was the winner of the Mullen trophy in the dry-picking contest held Friday night. Dean Edward M. Lewis, presented the cups.

A. W. Patch, of Patch & Roberts, wholesalers, Boston, judged all the exhibits of market poultry, placing them as follows: Exhibits made by regular students, Chickens — 1st, James J. Warren '17 of North Brookfield, sweepstakes winner; 2nd, Brooks Light '17 of Milton; 3rd, Oliver S. Flint '17 of Lowell; 4th, A. Grundler of Lowell.

Roasters—1st, Mary Floersh of Nashville, Tenn.; 2nd, O. S. Flint of Lowell; 3rd, A. Grundler of Lowell; 4th, D. H. Buttrick of Arlington.

Capons—1st, J. J. Warren of North Brookfield; 2nd, O. S. Flint of Lowell; 3rd, D. H. Buttrick of Arlington; 4th, Brooks Light of Milton.

Vocational student class, small roasters—1st, N. I. Andrews of Hyde Park; 2nd, O. C. Churchill of West Somerville; 3rd, Miss Genevieve Hallock of Woodville; 4th, J. B. Savage of Cambridge.

Large roasters—1st, Ernest Anderson of Medford; 2nd, J. B. Savage of Cambridge; 3rd, Ernest Anderson of Cambridge; 4th, A. J. Fitzgerald of Braintree.

Hens—1st, Ernest Anderson; 2nd, J. B. Savage; 3rd, N. T. Andrews; 4th, M. M. Coleman of Mendon.

Brown eggs—1st, O. C. Churchill of West Somerville; 2nd, Miss Geneivve Hallock; 3rd, A. J. Fitzgerald; 4th, Ernest Anderson.

Commercial class, Roasters—1st, 2nd and 3rd, E. O. Demon of North Hanover; 4th, Paul Dickinson of Amherst.

Fowls—1st, Harold T. Whitney of Birchfield Farms, South Dartmouth, an "Aggie" graduate in the class of 1916.

Brown eggs—1st and 2nd, E. F. Gaskill of North Amherst; 3rd, A. J. Baker of Amherst.

White eggs—1st and 2nd, E. F. Gaskill of North Amherst; 3rd, A. P. Little of Amherst; 4th, Charles Thayer of Amherst.

Buying was not very brisk at the auction sale which followed the show Saturday afternoon and many of the fine birds went at an absurdly low figure. David H. Buttrick '17 of Arlington acted as auctioneer.

REV. CHARLES STELZLE TO SPEAK AT CHAPEL

The speaker in Sunday Chapel, Jan. 7, will be Rev. Charles Stelzle of New York City. He was ordained into the Presbyterian ministry in 1900. From 1897-99 he was connected with Hope Chapel, New York, pastor of Markham Memorial church 1899-1903, superintendent department church and labor, Presbyterian church 1903-1913. In 1914-1915, Rev. Stelzle investigated the economic aspects of the liquor problem in the United States and the European countries, with members of his personal staff. As director of mayor Mitchell's commission on unemployment, during the winter of 1914-1915, he directed the relief and emergency measures.

Mr. Stelzle is one of the foremost sociologists in the country today. Among his works may be mentioned: "The Workingman and Social Problems," "Messages to Workingmen," "A Study of a Modern City," "Church and Labor," and "American Social and Religious Conditions."

MUST GET TICKETS EARLY

Men who plan to attend the next informal on Jan. 13, must get their tickets before 10 P. M. on the Wednesday preceding, as no tickets will be sold after that time. This action was found necessary by the informal committee in order to eliminate the confusion caused on previous occasions by those who delay the purchase of tickets until the last moment. The committee has further voted that no tickets be sold to men bringing Smith girls unless the girl's name be given at the time of purchase. Tickets will go on sale Friday noon, Jan. 5, and may be had of W. R. Irving '17, 13 South College, at the usual price of $1.50.

RENOVATED DRILL HALL

During the Christmas recess the Drill Hall was thoroughly fixed over. First, it was scrubbed and afterwards washed with an antiseptic. Then two barrels of oil were used in oiling. Powdered boracic acid was scattered over the floor to make it slippery. The basketball court has been relined in white, and backboards have been put behind each basket. As a result there will not be the usual dust, and when a player falls, he will not be so liable to pick slivers. Again, if he does, there will not be the usual danger from infection.

MISS GOESSMANN TO LECTURE

Miss Helena Goessmann of the faculty will address the Sunderland Women's Club on Saturday, Jan. 6. Her subject will be "Plays and Players Before Shakespeare."

GREAT SALE

—OF—

PATRICK MACKINAWS

AT CAMPION'S

—Come to us for—

Fireplace Goods, Coat and Trouser Hangers

Ever Ready Flash Lights and Paint

Clothes and Shoe Brushes

Anything in Hardware and Cooking Utensils

Always glad to see you.

THE MUTUAL PLUMBING & HEATING CO.

BURPEE REGISTERED VAB TRADE MARK "The Seal of Quality"

Burpee's Seeds Grow

FOR forty years we have rendered faithful service. For forty years we have tried to make each year's service more nearly ideal. This untiring effort has built for us not only The World's Largest Mail Order Seed Business, but also a World Wide reputation for Efficiency and undisputed leadership. The Fortieth Anniversary Edition of **Burpee's Annual**, *the* **"Leading American Seed Catalog"** is brighter and better than ever. It is mailed free. A postcard will bring it.

W. ATLEE BURPEE & CO., Seed Growers,
Burpee Buildings Philadelphia

Page's Shoe Store

Largest Stock—Lowest Prices

Expert Repairing—Best leather used

JACKSON & CUTLER

—DEALERS IN—

Dry and Fancy Goods and Choice Family Groceries

THE MASSACHUSETTS COLLEGIAN

Published every Tuesday evening by the Students of the Massachusetts Agricultural College.

BOARD OF EDITORS.

RICHARD W. SMITH '17, Editor-in-Chief
MARSHALL O. LANPHEAR '18, M'ging Editor
MILFORD R. LAWRENCE '17, Assistant Editor
WILLIAM SAVILLE, JR. '17, Alumni Editor

ASSOCIATE EDITORS.

JOHN T. DIZER '17
JOSEPH F. WHITNEY '17
FRANK J. HINKS '18
NATHAN W. GILLETTE '18
ELIOT M. BUFFUM '19
MYRTON F. EVANS '19

BUSINESS DEPARTMENT.

MERRILL P. WARNER '17, Business Manager
JAMES C. POWELL '18, Assistant Business Manager
BIRGER R. ROSEQUIST '18, Advertising Manager

Subscription $2.00 per year. Single copies, 8 cents. Make all orders payable to **Merrill P. Warner.**

In case of change of address, subscribers will please notify the business manager as soon as possible.

Entered as second-class matter at the Amherst Post Office.

Vol. XXVII. Tuesday, Jan. 2. No. 12

WHEN the seniors at their last smoker gave their unanimous support to the staging of a college vaudeville show this year they took the initiative in a proposition long dormant. Although it is almost three years since the last successful effort in this direction, all who saw that production will agree that it was well worth while. No one can say there is any less talent in college now than there was then. The problem before the backers of the new venture is not one of talent but of stirring up enthusiasm. With a little push and "pep" this vaudeville proposition can come through with flying colors. The undergraduates cannot afford to let the faculty "slip one over" on them again as they did so successfully last year. Here is a good chance for the student body to wake up and show what it can do.

CAMPUS CALENDAR

[Notices for this column should be dropped in at the COLLEGIAN office or handed to Nathan W. Gillette '18 on or before the Monday preceding each issue.]

WEDNESDAY, JAN. 3

2-10 P. M.—Assembly. Prof. Curry S. Hicks.

FRIDAY, JAN. 5.

7-15 P. M.—Interclass basketball, Drill hall: 1917–1920, 1918–1919.

SATURDAY, JAN. 6

7-00 P. M.—Seumas McManus, Stockbridge hall, auspices Local Union.

SUNDAY, JAN. 7

9-10 A. M.—Chapel, Rev. Charles Stelzle, New York City.

6-00 P. M.—Y. M. C. A. Meeting. Social Union.

A table for fruit growers has been worked out by Austin D. Kilham, extension professor of pomology at M.A.C. in collaboration with E. G. Wood. The table shows how to pack apples in boxes.

ABOUT THE CAMPUS

Donald F. Howes '18 of Ashfield, and Arthur N. Bowen of Providence, R. I., have pledged Beta Kappa Phi.

William Foley of Palmer has been elected manager of the nineteen-eighteen team during the interclass basketball series.

The social union room lost its giddy decoration of red and green during the Christmas vacation. It is now refinished in an attractive warm brown.

The Massachusetts Agricultural college is mentioned seven times in a recent publication, "Record Aids in College Management," published by the institute for Public Service of New York City. The book is a compilation form of the best record now used in 53 American colleges and universities. The purpose of the book is to show how student welfare and educational efficiency are being promoted by means of meaningful questions and records.

COMMUNICATION

TO THE EDITOR OF THE COLLEGIAN:

I take the liberty of asking you, provided you can spare the space and think its publication worth while, to insert this letter in an early number of the COLLEGIAN.

What I have to say is meant more for the members of my class, but perhaps it will be of interest to members of other classes as well, especially those of classes planning to hold reunions in 1917 or 1918. I choose the COLLEGIAN as the best means of reaching the members of '08 because I, of course, take it for granted that they all subscribe for the college paper.

It may be well for me to admit that I have not been back to a reunion of my class, or in fact to a commencement, since I graduated from Aggie. However, we all live in hopes of improving.

Last summer I had the pleasure of visiting Charlie Bates, '08, in Milwaukee and naturally we had a reunion of our own. During this reunion we decided that as 1908 was to have a tenth annual reunion,—we had previously decided upon this—it would be best, from our standpoint, to have it at the time of the big semi-centennial celebration in 1917. We should like to have the secretary of 1908 get busy—in fact the members of the class should get busy and send their opinions to the secretary—and find out which date would best suit the majority of the members; the time of the semi-centennial or commencement of the following June.

As to our reasons for choosing the time of the semi-centennial for our reunion, I would say that our foremost reason was that we thought it would not only be a pleasure for every alumnus to be back at that time, but that it was his duty to help make this celebration the biggest ever.

Second:—Commencement is the time when the graduating class, their families and their friends, should hold the center of the stage. At the semi-centennial the alumni would, perhaps, be given more space on the front page, though whether or not they deserve it will depend upon how many are on hand.

Third:—Is there any better season to visit Amherst, or New England for that matter, than the fall of the year? Doesn't one enjoy its natural beauties more then?

Fourth:—And this is the only reason we had that might be termed a selfish one, and the only one that we decided would be debatable. We would more easily get away from our work during the fall than in June. We appreciate the fact, however, that this would not perhaps be true for all members of the class.

We hope that other members of '08, will come forward with expressions of their ideas regarding this matter, and that we may have a sure-enough reunion at whichever time the majority of the class desires it.

THOS. H. JONES '08.

The above communication is in accord with the letter recently sent out to the alumni by Presicent Butterfield and offers the same reasons for a fall reunion.—ED.

RIFLE TEAM ORDERED TO SHOOT PRONE AND STANDING

Captain Canlett of the varsity rifle team has just received word from the National Rifle Association headquarters that all individuals of college teams competing in the intercollegiate series would hereafter be compelled to shoot 10 shots prone and 10 standing, instead of prone shooting only, which was previously the case.

This new action will necessitate much more practice than has been customary in the past because of the difficulty of "off hand" shooting. The reason given for the innovation is that keener competition will result among the colleges. Last year, for instance, the final result was practically decided after the first three matches.

The first match of the intercollegiate series will take place on Jan. 27. Already the squad is rounding into shape, although much practice must still be done my each member to accustom himself to the new style of shooting.

AMHERST GETS ROBERT FROST

During the absence of Prof. George B. Churchill to serve in the State Senate, Robert Frost, author of "North of Boston," has been appointed to teach English in Amherst college. He will begin his new work at the reopening of college on Jan. 4. It is quite probable that the students of the college will have a chance to hear Mr. Frost speak at M. A. C. sometime during the winter term.

BOYS

During Exams don't worry about what you are going to give your **wife** for Xmas.

We have **his** brand of tobacco or cigarettes in Xmas packages.

She'll love you better next term.

HENRY ADAMS & CO.

The REXALL Store

DE LAVAL
Separators
Save in Seven Ways

QUANTITY of cream that no other separator will recover completely.

QUALITY of cream as evidenced by De Laval butter always scoring highest in every important contest.

LABOR in every way over any gravity system or other separator, by turning easier, being easier to clean and requiring no adjustment.

TIME over any gravity system or other separator, by reason of greater capacity and the same reasons that save labor.

COST in that the De Laval will last from ten to twenty years, while other separators wear out and require to be replaced in from one to five years

PROFIT in more and better cream, with less labor and effort every time milk is put through the machine.

SATISFACTION which can only come from knowing you have the best separator, and are at all times accomplishing the best possible results.

THE DE LAVAL SEPARATOR COMPANY

165 BROADWAY, NEW YORK — 29 E. MADISON ST., CHICAGO

For Greatest Satisfaction Use
DOUBLE SERVICE Automobile Tires
Guaranteed 7,000 Miles Service
Absolutely Puncture proof

Double Service Tires are made from the thickness of the best standard make tires.

This 100% greater wearing surface naturally gives that much more mileage and service. The average of 12 miles of tough fabric and one inch surface tread rubber makes these tires absolutely puncture proof.

These tires excel all others for use in the country over rough and rugged roads as well as on hard pavements. They are as easy riding and resilient as any other pneumatic tire—the air space and pressure being the same.

They are the most economical and "care free" tires made and are used where tires must be depended on and tire troubles cannot be tolerated. Many Double Service tires are in use in the U. S. government and European War service.

Our output is limited to a certain amount, but for a short time we offer the following reduced special prices as an introductory Offer:

PRICES

	Tires	Tubes		Tires	Tubes
30x3 in.	$ 8.00	$1.30	36x4 in.	$17.45	$4.05
30x3½ in.	9.00	1.40	36x4½ in.	21.30	5.00
32x3½ in.	12.15	2.70	36x4½ in.	22.65	5.15
34x4 in.	13.70	4.25	37x5 in.	25.60	6.20
36x4 in.	16.90	4.30	38x5 in.	26.30	6.60

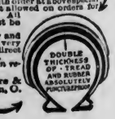
All other sizes not included in above list also furnished. Non-skids at 10% additional.

Terms: Payment with order at above special prices, a 5% discount allowed on orders for two or more tires. All personal checks must be certified.

Try these tires now and be convinced of their very high qualities. Sold direct to the consumer only.

Descriptive folder upon request. Write for it.

Double Service Tire & Rubber Co., Akron, O. Dept.



INTERCLASS BASKETBALL

Series to Start Friday Evening in Drill Hall at 7-15

The first of the interclass basketball games will be played Friday evening in the Drill Hall. The first game, seniors vs. freshmen, will be called at 7-15. After this contest, the juniors and sophomores will battle it out as in days of yore. Six championship medals will be awarded to the team winning the greatest percentage of their games during the season. There will be two rounds, or a total of six games for each team. Following is the schedule for the first round:

Friday, Jan. 5—1917 vs. 1920; 1918 vs. 1919
Friday, Jan. 12—1917 vs. 1919; 1918 vs. 1920
Friday, Jan. 19—1917 vs. 1918; 1919 vs. 1920

Assignments for the use of the gym floor for class team practices are as follows:

1917 and 1919 } Tuesday nights 8–10 and Thursday nights 6–8
1918 and 1920 } Tuesday nights 6–8 and Thursday nights 8–10

PROF. WAID RESIGNS

Earnest D. Waid, who since 1911 has been assistant director of the extension service at the college has resigned his position and will retire in the near future to his farm on Amity street, which he is fast developing into an attractive proposition. Professor Waid is a graduate of the college of agriculture at Ohio State university and taught at Knoxville college Tennessee for one year. Later he went to the University of Maine as assistant professor of agronomy, which position he resigned to engage in extension work in Ohio for two years. Since his coming to the Massachusetts Agricultural college in 1911 he has worked principally with the extension schools and the college fair exhibits, through which he has become widely known and respected throughout the state. During the past two years he has assumed an active part in the administration of the winter school and other short courses, the former coming directly under his charge the next session. His successor has not been appointed.

HOCKEY

[Continued from page 1]

at West Point, in order to make that the feature trip of the season.

Manager Carleton T. Smith of the freshman team has arranged a six game schedule with some of the fast high school and academy teams of the state. There is also a feature game pending with the Dartmouth freshmen. The schedule:

Jan. 6—Pittsfield High at Amherst
" 13—Amherst High (pending)
" 20—Drury High at Amherst
" 27—Amherst High (pending)
Feb. 3—Williston Seminary at Amherst
" 17—Dartmouth 1920 (pending) at Hanover

TO PLAY WILLIAMS

Basketball Management Increases Schedule to Six Games.

Manager Moorhouse has announced that the varsity schedule for this season will consist of six games, instead of five as was previously stated. Williams college will be the additional team played.

The schedule as it now stands is this:

Jan. 20—Conn. Aggie at Amherst, afternoon.
Jan. 27—Rhode Island State at Amherst, evening.
Feb. 2—New Hampshire State at Durham, evening.
Feb. 8—Williams at Williamstown, evening.
Feb. 16—Springfield at Springfield.

SCHEDULE FOR GYM FLOOR

The department of physical education has issued the following program for the use of the gymnasium floor during the winter term:

1. The gym floor is reserved for gymnasium classes every day except Saturdays from 10 to 12 A. M and 2 to 4 P. M.

2. The gym floor is reserved for varsity basketball from 4 to 6 P. M. Monday, Tuesday, Thursday, and Friday, and for the regular Freshman team Wednesday.

3. The gym floor is reseved evenings as follows:

Monday night 6 to 8 Post graduates.
Monday night 8 to 10 Reg. freshman team.
Tuesday night 6 to 8 1918 class team and 1920 class.
Tuesday night 8 to 10 1917–1919 class team.
Wednesday night 8 to 10 Varsity basketball team.
Thursday night 6 to 8 1917–1919 class teams.
Thursday night 8 to 10 1918–1920 class team.
Friday night 7-15 Class games.
Saturday night 6 to 8 Open.
Saturday night 8 to 10 Open.

4. For all other reservations for the use of the gym permission must be obtained from Mr. Gore at the physical education office.

5. Sneakers or suction shoes must be worn by all men using the floor.

LANDSCAPE ART CLUB

That the recently reorganized Landscape Art club is to exist other than in theory was shown by an enthusiastic meeting on the evening of Dec. 14 in Wilder hall. At this time Prof. Arthur K. Harrison of the landscape department spoke on New England gardens. At the conclusion of discussions, a business meeting was held and a recently drawn up constitution presented and adopted. It was planned to hold as far as possible, weekly meetings with the essential purpose of discussing practical problems of the various phases of landscape work, either by prominent outside authority or the students themselves.

FRESHMAN SCHEDULE

Basketball Team to Play Several Fast Schools and Academies.

The freshman basketball schedule has been arranged by Lester Odams '18. According to the new ruling of the Interclass Athletic board no one who plays on the regular freshman five can play in the interclass games, so there will have to be two teams. From these two teams, the 1920 aggregation should get together a strong quintet for their games with outside high schools. The schedule follows:

Jan. 6, Smith Academy, Amherst.
10, Hopkins Academy, Hadley.
12, Easthampton High School, Easthampton.
20, Open, Amherst.
27, Hartford High School, Amherst.
Feb. 3, Wilbraham Academy, Wilbraham.
10, Suffield Institute, Suffield.
17, Deerfield Academy, Deerfield.

NEW AGRONOMY PROF.

Professor J. B. Abbott has become a member of the department of agronomy for the winter term. He will give the courses in soil fertility for both the short course and four year students. Professor Abbott was brought up on a New England farm, graduated from the college of agriculture at the University of Vermont and received a Master's degree and election to the honorary society of Sigma Psi from Purdue. He was associated with the research work in soil fertility at Purdue for seven years and for the last two years has been connected with New Hampshire State college. He owns a farm in southern Vermont.

FLORICULTURAL LECTURE

An illustrated and well balanced lecture by J. H. Keeler, Boston manager of Hitchings & Co., greenhouse builders, on the evening of Dec 14 at French hall, opened a series of floricultural and horticultural lectures planned by the Florist's and Gardener's club for the year. Mr. Keeler spoke on "Greenhouses, their details, arrangements and construction," impressing his thought through the medium of a large number of lantern slides.

AMHERST CELEBRATES XMAS

On Saturday night, Dec. 23, Amherst held its first Christmas pageant, on the hill of the Amherst college campus overlooking the village green. It was directed by Mr. Langdon "The Master of the Pageant," who has charge of the M. A. C. semi-centennial pageant. Among those taking part were President Butterfield, Professor Sprague and Professor Hurd of M. A. C. and President Meiklejohn of Amherst college.

E. B. DICKINSON, D.D.S.
DENTAL ROOMS
Williams Block, Amherst, Mass.
Office Hours: 9 to 12 a. m., 1:30 to 5 p. m.

THE
United States Hotel
Beach, Lincoln and Kingston Sts.,
BOSTON, MASS.
Only two blocks from South Terminal Station, and easily reached from North Station by Elevated Railway, and convenient alike to the great retail shops and business centre, also to the theatres and places of interest.
European Plan $1.00 per Day and Upwards
Table and service unsurpassed. Booklet and map sent upon application
TILLY HAYNES, Proprietor — JAMES C. HICKEY, Manager

WEBSTER'S STUDIO
Everything in Photography
GROUPS A SPECIALTY
Good work speaks for itself.
NASH BLOCK, AMHERST, MASS.

AMHERST BOOK STORE
Note Books — Fountain Pens
Agents for Rex Typewriter
F. M. CURRAN — C. F. DYER

MARSH'S SANITARY
Students' Furniture
RUGS AND CARPETS
— E. D. MARSH ESTATE —
ESTABLISHED 1893

STEPHEN LANE FOLGER, Inc.
MANUFACTURING JEWELERS
180 BROADWAY, NEW YORK
CLUB AND COLLEGE PINS AND RINGS
GOLD, SILVER AND BRONZE MEDALS

— JOIN THE BUNCH AT —
EPSTEIN'S TAILORING PARLORS
Now located over post office. Up one flight
Pressing and Cleaning a Specialty
Liberal Ticket System — Tel. 36-M

College Stationery
With Class Numerals.
Magazines, Newspapers and Fountain Pens
A. J. HASTINGS
Newsdealer and Stationer

Gallup at Holyoke
293-297 High St.
—SELLS—
Hart Schaffner & Marx Clothes
Come down to Holyoke and see our big store

S. S. HYDE
JEWELER & OPTICIAN
13 Pleasant St.
Oculists' Prescriptions Filled. Broken Lenses Accurately Replaced. Fine Watch Repairing Promptly and Skilfully Done. Satisfaction Guaranteed

PLYMOUTH INN
Northampton
Quiet and Comfortable—Every facility for
BANQUETS PARTY DINNERS
American and European Plans

"BIDE-A-WEE"
Creamed Chicken and Waffles
Our Specialty—And other good things to eat.
MRS. L. M. STEBBINS,
Middle Street, Hadley, Mass.
Tel. 415-W

The Highland Hotel
Corner of Hillman and Barnes Streets, three blocks from the Union Depot, is a modern hostelry run on the European Plan. It is just a step from Main Street, away from the noise and dust and yet in the center of the business district.
Its rooms are well furnished and comfortable, having a telephone and hot and cold running water in every room. Prices $1 and up; rooms with bath (single) $1.50 and up.
Its excellent cuisine and well ventilated dining room makes a meal a pleasant memory—everything of the highest quality, well cooked and served in the best possible manner.
Stay at the Highland Hotel once and you will anticipate staying there again. Music every evening.
D. H. SIEVERS,
Highland Hotel, Springfield, Mass.

WHITE'S MUSIC STORE
HENRY K. WHITE
249 MAIN STREET, NORTHAMPTON
Mandolins, Genuine Hawaiian Ukuleles, Picks, Strings, etc., and music for all instruments and all voices. Instruments may be had on trial.

UNITY CHURCH
NORTH PLEASANT ST.
A Church home of the liberal Faith, where every student will meet with a cordial welcome.
REGULAR SUNDAY SERVICE AT 7 P. M.

Dr. A. H. Daniels, D. O.
OSTEOPATHIC PHYSICIAN
305 LAMBIE BLDG., NORTHAMPTON, MASS.
Telephone

BUY YOUR
Dental Creams, Toilet Soaps, Shaving Powders,
etc., of
A. W. HAMLIN, AMHERST, MASS.
I call at the Dorms and Fraternity Houses.

The Holyoke Valve & Hydrant Co.
Jobbers of Wrought Iron and Brass Pipe, Valves and Fittings for Steam, Water and Gas, Asbestos and Magnesia Boiler and Pipe Coverings, Pipe Cut to Sketch, Mill Supplies. Engineers and Contractors for Steam and Hot Water Heating, Automatic Sprinkler Systems, Boiler and Engine Connections. Holyoke, Mass.

BECKMAN'S
Candies and Ice Cream
"HAMP"

Seniors and Juniors
Now is the time to buy those
FILING CASES
For your Bulletins.

Johnson Book Co.
BABBITT WOODWORTH
Alpha Sigma Phi House.

DATE FOR ALUMNI DAY CHANGED TO FEBRUARY 9

The fourth annual Midwinter Alumni Day is scheduled for Friday, Feb 9, 1917, and not on the 10th as published in a former issue. The program of the day will consist of an inspection of the college, and an innovation is planned along the line of alumni addresses, during class hours, in connection with the major subjects now being taken up. The alumni supper and musical club concert constitutes the eveuing's program. On Saturday, Feb. 10, athletic contests are to be conducted, with the basketball game with New Hampshire State as a feature. Saturday evening is given over to the fraternity banquets.

GREATER BOSTON CLUB TO BANQUET MARCH 30

The Greater Boston Club is to have its second annual banquet at the Boston City Club on Friday, March 30.

Further details and arrangements will be made at a meeting of the club in the near future.

The officers of the club promise that everything possible will be done to make this year's get-together as successful as that of 1916 when 100 Aggie men inaugurated this largest of undergraduate clubs.

FRESHMAN BASKETBALL

The class freshman team, that is, the freshman team for the interclass series will be handled by Forrest Grayson. All candidates for freshman basketball whose names do not appear on the freshman list should report to the class team under Grayson.

MUSICAL CLUBS' TRIP

[Continued from page 1]

The concert will be followed by dancing until 1 A. M.

The introduction of many features did its share in ensuring the success of the trip. The Hawaiian Sextet and Banjo-mandolin Specialties were most popular.

ISSUES LIBRARY CIRCULAR

Charles R. Greene, librarian of the college, has just issued an attractive four-page circular, which gives much information regarding the library and its work. At the beginning of the first page, Mr. Greene extends a cordial invitation to everyone to use the library whenever possible. The resources are then set forth in a clear and concise way. The office hours of library service are outlined on the next page, so that each student may know exactly when the library is open. Several quotations follow in connection with the value received from books by such eminent scholars as Carlyle, Milton, Dana, and others.

TO STAGE PAGEANT

Miss Helen T. Goessmann of the English department has written the material for the pageant entitled, "Ulkar the Wise," which is to be presented in College hall on the evening of Jan. 9 and 10 by the Christmas players of Amherst. Miss Goessmann is also staging the pageant and directing the rehearsals. Abbots and abbesses, yoemen, kings, pagan folk, hunters, trumpeters, shepherds, angels and other characters will march in the opening processional of 200 persons and appear in the prologne, three episodes and an epilogue.

INDEX RUSH JANUARY 10

On Wednesday, Jan. 10, the 1918 *Index* will make its appearance. There will be a rnsh at 3-15, rules for which appeared in the COLLEGIAN of Dec 12, and immediately after that, the books go on sale in the Y. M. C. A. room in North College. Remember—only those having preliminary tickets can enter the rush, so don't put off getting your ticket. Don't forget! Wednesday, the 10th is the big day.

'98.—Sam W. Wiley is the head of S. W. Wiley Co., Inc., Analytical and Consulting Chemists. His large laboratory at 7 South Gay street, Baltimore, Maryland.

Batchelder & Snyder Co.
PACKERS AND POULTRY DRESSERS
WHOLESALE ONLY
Beef, Mutton, Lamb, Veal, Pork, Hams, Bacon, Sausages, Poultry, Game, Butter, Cheese, Eggs, Olive Oils.
Blackstone, North and North Centre Streets.
BOSTON, ... MASS.

F. A. SHEPARD
MEN'S STORE
Shoes Hats Furnishings
Local Agent for
E. V. PRICE CO., LAMM CO., BROWNING, KING & CO.,
Custom Tailors
OUR DISCOUNT TICKET SAVES YOU 5%

Carpenter & Morehouse,
PRINTERS,
No. 1, Cook Place, Amherst, Mass.

MINING POTASH IN GERMANY

Do Fertilizers Pay?
The Government and Educational "Authorities" spend considerable public money in printing contradictory statements on this point.
Great fortunes have been made in manufacturing fertilizers. They evidently pay the makers.
Farmers continue to increase their fertilizer purchases, indicating that they are profitable to the farmer.
But are the kinds which the manufacturers prefer to sell the most profitable to the farmer? Do they give the greatest profit consistent with maintaining the productiveness of the soil? Or do they merely supply the element most needed at the moment and reduce the available supply of the other elements?
The average fertilizer contains 4 times as much phosphoric acid as Potash. The average crop takes from the soil 3 times as much Potash as phosphoric acid. You can guess the answer. Use more Potash, for
Potash Pays
Send for FREE pamphlet on Profitable Farming, containing system of rational fertilizing and soil testing.
GERMAN KALI WORKS, Inc., 42 Broadway, New York
McCormick Block, Chicago, Ill. [illegible] St., San Francisco, Cal. Whitney Bank Bldg., New Orleans, La.
[illegible] Building, Atlanta, Ga.

RESOLUTIONS

Whereas, our friend and classmate, Alfred F. Muller has been taken from us, in the beginning of a most promising life devoted to the advancement of his profession, be it therefore

Resolved, that we his classmates and friends of 1912 do extend to his family our most sincere sympathy in this their hour of sorrow and be it further

Resolved, that we show our appreciation of the honor that Alfred Muller has brought to his class, his college, his state and his people in the short time since graduation, by further

Resolved, that a copy of these resolutions be sent to his family, that a copy be inserted in the Massachusetts COLLEGIAN and lastly that a copy be inscribed on the records of the class.

For the class of 1912.
F. S. MADISON, Sec.

MERRIMAC MEN DINE

Aggie men living in the Merrimac Valley had an enjoyable get-together at the Bartlett Hotel in Haverhill Wednesday evening, Dec. 27. Besides the dozen or more undergraduates present, the alumni were well represented by Dr. John F. Winchester '75 of Lawrence, Henry B. Emerson '92 of Methuen and Chester P. Spofford '15 of Amherst. After an informal supper, the evening was spent in discussing ueans for carrying on the newly formed Merrimac Valley club, and stirring up iuterest among prospective freshmen.

HOCKEY PRACTICE

Varsity hockey practice will be held every afternoon from 3 to 5. The old board rink is to be assembled on the pond and, weather permitting, practice will be held there.

Those who have elected hockey for physical education credits will have to put in their time during these two hours. All work will be supervised by a monitor.

1915 NOTES

Found through the efforts of the Burns Detective Agency. Unique specimen of 1915 origin, with this to proclaim: Sidney M. Masse announces his engagement to Miss Elizabeth Falhe of Sayreville, N. J.

Ed Towne and George Hall may still be reached at 420 W. 121st, street, New York City, though they wish to keep this secret from all bill collectors.

Sam Moberg has begun his work as assistant manager of Cedar Hill Farm, Waltham.

Bill Doran is now located in Dedham, N. H. The chief disadvantage of his position is that it is a long distance from that place he has been visiting so often "somewhere in Connecticut."

"Chet" Bishop will begin about January first as herdsman of Landholm Farms, Wells, Me., considered the Model Dairy Farm of Maine. They put out the very best dairy products, and "without question these must be obtained from Guernsey cows."

FACULTY LADIES HOLD OPEN HOUSE

Seven of the ladies of the faculty kept "Open House" New Year's Day to the faculty and graduate students of the college. Light refreshments were served at each home. Those who did this were, Mrs. Butterfield, Mrs. Fernald, Mrs. Marshall, Mrs. Morse, Mrs. Osmun, Mrs. Quaife and Mrs. Sears.

PROF. FERNALD LECTURES

Professor Fernald of the entomological department has recently finished a series of ten lectures on "Economic entomology" at Springfield under the auspices of the Museum of Natural History. The series was largely devoted to those insects of economic importance and their relation to man.

1916 NOTES

George Palmer, Newton street, Chestnut Hill, is working with his father in the florist business. Thanks, George, for the good suggestions concerning the reunion, etc.

To date the class record for enrollment in the associate alumni is held by '16, with over 40. Let's hang the record out of reach with 100 percent enrollment.

Ed. Perry, tearing along on his way to Idaho, met up with Herb. Bishop at the Hotel States, Buffalo and attended the theater with Conny Lieber at Cohn's Grand Opera, Chicago. Ed's address is Emmett, Idaho, care of Andrew Little.

M. A. C. was represented at the meetings of the American Association of Economic Entomologists, held last week, by 34 former students of her entonological department; a large percentage of the total attendance. The men there were Barnes, Fernald and Simmons. At the meetings Ricker was elected associate member of the association.

Letter recently received bore the following heading: "Kingfisher College, Kingfisher, Okla. Dept. of Athletics, G. W. Rich, director and manager." Send mail to Box 315, Kingfisher. "A bird of a town," Gil writes.

What better object lesson to prospective students at Aggie than a bunch of walking images of Old Prosperity? Therefore, scintillate back if you can for Alumni Day, Feb. 9.

"Red Darling, Stan Hall, Cy Little, General Palmer, Heinie Walker, Whistle Woolley and Herb Walkden gathered in the banquet hall of the U. S. Hotel, Boston, on Christmas evening. They rejuvenated the wild days of their youth, both in action and words. After feasting, these seven congenial souls witnessed the 'Passing Show of 1916.' 'Verily,' quoth they all, 'it is a worthy production.' And they hied themselves homeward, resolved to have these little get-togethers often, if not more frequently."

LISTEN!

You can get just the right present here for your "Wife", Father or Brother: something that is personal and they will use and appreciate.

Here are a few suggestions:

Silk mufflers, fifty cents to three fifty.
Smart new ties for every taste, fifty cents to one fifty.
New patterns in shirts, made in every style known. We specialize in Custom made reversible collared shirts. Priced at from one to four dollars.
Gloves, lined or unlined, one to five dollars.
High grade traveling bags and suit cases.
Boston bags, collar bags, handkerchiefs, sox, jewelry, tie racks.

We will be glad to have you come in and look around. Our agent is "Bud" Ross.

SANDERSON & THOMPSON
Hart Schaffner & Marx Clothes

School and College Photographers . . .
White Studio
LOCALLY: 52 Center St., Northampton, Mass., and South Hadley, Mass
MAIN OFFICE, 1546-1548 Broadway, New York City
These Studios offer the best skilled artists and most complete equipment obtainable

DID YOU RAISE 300 BUSHELS OF POTATOES PER ACRE THIS YEAR?
If you did not you are losing part of your profits. Potatoes at almost $2.00 per bushel are the most profitable crop on the farm. Our book,
"Potatoes: A Money Crop"
will insure your full profits. Write to-day for your copy.
Local Agency Manager
THE COE-MORTIMER COMPANY, 51 Chambers St., New York City
Subsidiary of the American Agricultural Chemical Co.
Manufacturers of **E. FRANK COE FERTILIZERS**
1857 The Business Farmers' Standard for Sixty Years 1917

BOARD PRESENTS RULES

(Continued from page 1)

more-freshman contests: 1, football; 2, six-man rope-pull; 3, indoor rifle team; 4, hockey; 5, basketball; 6, baseball.

Section 2. Any one who has played at least one-half of a regular annual sophomore-freshman football, hockey, basketball, or baseball game, and the managers of said teams, provided the games be won by the class, shall be eligible to receive class numerals.

Section 3. Any one pulling on the winning team in the annual sophomore-freshman six-men rope-pull, and the manager of the winning team, shall be eligible to receive class numerals.

Section 4. The five highest men on the winning indoor rifle team, provided they shoot ninety-five percent score or over, and the manager of the winning team, shall be eligible to receive class numerals.

ARTICLE IV.

RULES FOR THE INTERCLASS SERIES.

Section 1. The following sports are considered as having a regular interclass series:

a. Fall Cross Country.
b. Winter Indoor Track.
c. Baseball.
d. Spring Tennis.

Section 2. Any one who has scored first, second, third, fourth, or fifth in the regular annual interclass fall cross-country run shall be eligible to receive class numerals.

Section 3. Any one who has played in a majority of the regular interclass basketball games for at least one-half of each game, provided the team win the regular interclass basketball championship, and the manager of the championship team, shall be eligible to receive class numerals.

Section 4. Any one who has won first or second or tied for first or second in the regular annual interclass winter meets, and the manager of the winning class track team, shall be eligible to receive class numerals.

Section 5. Any one who has played in a majority of the regular spring interclass tennis matches, provided that the team win the championship, and the manager of the championship team, shall be eligible to receive class numerals.

HIGH COST OF LIVING HITS AGGIE MEN HARD

The high cost of living is no respecter of persons, and it hits the college man along with the rest. Increased prices of foodstuffs have caused board at the dining hall to be boosted to $5 per week and even then there is the possibility of a deficit. Laboratory fees have also suffered from the great malady and are now increasing anywhere from 25 to 50 percent to meet the high cost of materials.

The Massachusetts Agricultural College

Offers courses of instruction in twenty seven teaching departments, which embrace the study of

Agriculture, Horticulture, Science, Humanities and Rural Social Science.

A student may specialize in the following subjects:

Agriculture
Agronomy
Animal Husbandry
Dairying
Poultry Husbandry
Rural Journalism
Floriculture
Forestry
Landscape Gardening
Pomology
Agricultural Chemistry
Agricultural Economics
Economic Entomology
Microbiology
Economic Botany
Agricultural Education
Rural Sociology

For complete catalog and illustrated booklet, write

KENYON L. BUTTERFIELD, PRESIDENT
AMHERST, MASS.

COLLEGIAN DIRECTORY

Associate Alumni, C. A. Peters, Secretary—454-W
Joint Committee on Intercol. Athletics, H. M. Gore, Secretary—403-M
M. A. C. Athletic Field Association, C. S. Hicks, Treasurer—403-M
Non-Athletic Association, H. E. Robbins, Manager—res. 62-W
The College Senate, L. T. Buckman, President—416
Football Association, J. A. Chapman, Manager—8314
Baseball Association, R. D. Hawley, Manager—8314
Track Association, O. S. Flint, Manager—544-M
Hockey Association, M. R. Lawrence, Manager—8347
Basketball Association, N. Moorhouse, Manager—8364
Rifle Club, S. F. Tuthill, President—416
Roister Doisters, A. F. Williams, Manager—8364
Musical Association, D. M. Lipshires, Manager—416
Nineteen Hundred Seventeen Index, F. W. Mayo, Manager—8314
Nineteen Hundred Eighteen Index, K. L. Messenger, Manager—8347
M. A. C. Christian Association, D. O. Merrill, President—416
M. A. C. Catholic Club, J. H. Day, President—8377
Fraternity Conference, L. T. Buckman, President—416
Stockbridge Club, M. J. McNamara, President—580
Interclass Athletic Committee, O. G. Pratt, Secretary—8347

There are Seven Good Reasons why you should buy your

COAL
OF
C. R. ELDER

WOODWARD'S LUNCH

27 Main St., Masonic Bldg., Northampton, Mass.

Lunches, Soda, Ice Cream

Closed only from 1 A. M to 4 A. M

The Connecticut Valley Street Railway

From Amherst, via Northampton, through the Hatfields, past the foot of Sugar Loaf Mt., alongside the famous Bloody Brook battle ground to Old Deerfield, thence to Greenfield, Turners Falls and across the "Plains" to Lake Pleasant, Montague and Millers Falls.

50 Miles of Trackage—Modern Equipment—Train Dispatching System—Freight and Express Service over entire line.

Connecticut Valley Street Railway Company

Jacob Reed's Sons are the leading manufacturers of

UNIFORMS

For college and military schools, and have won and maintain their prestige by sheer merit. The uniforms worn at Massachusetts Agricultural College are finished examples of our product.

JACOB REED'S SONS.

Makers of "Gold Medal Uniforms."

1424-1426 Chestnut St., Philadelphia, Pa.

FOUNTAIN PENS

Moore's Swan's
Waterman's

Thirty-six dozen pens to select from.

—OUR RULE—
"Satisfaction guaranteed or money refunded."

DEUEL'S DRUG STORE

COLLEGE SHOES

We carry the largest stock in the state outside of Boston.

MODERN REPAIR DEPT.

E. M. BOLLES
THE SHOEMAN

CARS

Leave AGGIE COLLEGE for HOLYOKE at 15 min. past the hour.

CARS

Leave AMHERST for AGGIE COLLEGE at 7 and 37 min. past the hour.

Special Cars at Reasonable Rates

AMHERST & SUNDERLAND ST. RY. CO

THE TERPSY PARLOR
Cleaning Pressing Repairing
Quickest service, Best Work, Lowest Price
All work carefully done. Work called for and delivered. Gents' overcoats, suits, pants and coats. Ladies' fine linen suits a specialty.
Teams will call every day at M. A. C.
WM. FRANKLIN, Prop.
Rear Nash Bl'k, Amherst. Tel. No. 342-4

Amherst CO-OP LAUNDRY

High-Grade College Work

Shirts, - - - - 10-15c
Collars, - - - - - 2 1-2c
Cuffs, - - - - - 2 1-2c
Plain wash, - - - - 48c per doz.
Same, rough dry, - - - 30c per doz.

DRY CLEANING AND PRESSING

Steam Pressing 40c, 3 Suits for $1.00
Dry Cleaning and Pressing, $1.50 a Suit

All bills payable at Co-op. Store and parcels left there will receive prompt attention.

GRAYSON '17, Agent
HIGGINBOTHAM '17, Asst. Agent

THE MASSACHUSETTS COLLEGIAN

MASSACHUSETTS AGRICULTURAL COLLEGE

Vol. XXVII. Amherst, Mass., Tuesday, January 9, 1917. No. 13

SUCCESSFUL GRADUATES WILL ADDRESS CLASSES

New Scheme Being Tried Out for This Year's Alumni Day, Feb. 9-10.

It is planned to introduce some new features into the Alumni Day program for Feb. 9th. In the first place the fraternity banquets which have usually come on Friday evening will be held Saturday evening. Friday is to be Alumni Day proper. A plan is being worked out which calls for a suspension of some of the regular faculty lectures, and the classes thus affected will be addressed by alumni. This is done with the idea that the alumni talking from their experience may be able to dispense some valuable information to some of the undergraduates who are blundering through their courses, skeptical regarding the value of some of their work, having confused ideas on what they are driving at, wondering about the opportunities and difficulties awaiting them on graduation, etc. Then, too, there is the chance that the remarks of the alumni may stir the undergraduates to do better work. The endorsement of this plan by several of the faculty and the value assigned to it by leaders in the student body seems to justify this appeal to M. A. C. graduates, and the alumni are responding favorably. Details relative to this will be published in a later issue.

Friday afternoon it is planned to hold what may be called an Alumni Forum presided over by President Butterfield. The meeting will give an opportunity for the discussion of timely questions. The program for the round table discussion will be announced later.

All students and all faculty members are asked to be present with the alumni at the Alumni Dinner at the Dining hall Friday night. Immediately following this attraction the musical clubs will conclude the day's program with one of the best entertainments they are capable of producing.

Saturday afternoon will be devoted to athletic events the feature of which will be the varsity basketball game with New Hampshire State. Saturday evening the fraternities will take charge of their respective alumni at their initiation banquets.

"TY" COBB IN MOVIES AT STOCKBRIDGE THIS WEEK

Unusual Photoplay, Featuring Baseball Star, for Friday and Saturday. Also a Five Reel Release.

Through the influence and co-operation of Frank Anderson '16 now of the Sunbeam Photoplay Company, the student body will be given an opportunity Friday and Saturday evenings to witness the clever and famous "Ty" Cobb as a moving picture actor in a six reel feature film entitled "Down in Georgia." This is the first time this production has been exhibited in New England for it is at present being syndicated out, and it is counted a rare privilege indeed by the Social Union Committee that they are able to bring it to the college. In addition another five reel release will be shown making a well balanced and entertaining program throughout. Admission for non-holders of Social Union tickets will be 25 cents. Short course men are urged to take advantage of the opportunity to purchase such tickets at the treasurer's office for a dollar and thus be in a position to enjoy this and future entertainments at a greatly reduced expense.

DEBATING TRYOUTS

Russell, Sampson, Burt, Newbold, Reumann, and Stockwell Make Varsity Team.

Tryouts for the various debating teams were held last Saturday afternoon under the supervision of the public speaking council. The following men were chosen for the varsity team: H. L. Russell '18, of Worcester; F. B. Sampson '18, of Fall River; H. J. Burt '19, of West Somerville; D. T. Newbold '19, of Northampton. E. Sidney Stockwell '19, of Sharon, and Theodore Reumann '18, of New Bedford. These six men are to make up the varsity squad from which two teams will be chosen. The judges were: Dean Lewis, Professor Rand, Professor Patterson and S. S. Smith '18, manager of varsity debating. The first debate is scheduled for February 16 with the University of Vermont at Burlington.

"Ham" Foster Ex-'18 has been assigned as lieutenant in the 34th U. S. Infantry, Fort Leavenworth, Kansas.

EMORY GRAYSON ELECTED CAPTAIN OF BASKETBALL

Has Always Been Prominent in Interclass Series. Eleven Men on Varsity Squad.

Emory E. Grayson '17, has been elected captain of varsity basketball. Grayson "prepared" at Milford High, where he was captain of his team. He was captain of his Freshman team and has played on his class team for three years, working both at center and in the forward positions. He is now playing at center on the varsity squad, where he is putting up a consistent game. The varsity squad is composed of the following men: E. Grayson '17; Hagelstein '17; Irving '17; Squires '17; Gasser '18; F. Grayson '18; Hawley '18; McCarthy '19; Parkhurst '19; Bond '19; and Sedgwick '19. Those men making up the Freshmen first team are: Davis; Harrington; Lent; Lothrop; Richards; Steadman; and Vigezzi.

POULTRY JUDGING TEAM TAKES HIGHEST HONORS

At the poultry show held Dec. 30, 1916 at Madison Square Gardens, the M. A. C. poultry judging team took highest honors. Brooks Light '17 of Brookline won the highest individual prize, a gold medal. The final standing of the contesting teams is as follows:

Massachusetts,	1750
New Jersey,	1595
Connecticut,	1550
North Carolina,	1490
Cornell,	1485

The individual standing of the M. A. C. team was as follows:

Brooks Light '17 of Brookline,	630
O. S. Flint '17 of Lowell,	610
Mary Floersh of Nashville, Tenn.,	510

SUNDAY FORUM

At four o'clock Sunday afternoon Adelphia will conduct a Forum in the old chapel to discuss the question, "Is anything wrong with our student government, and if so, why?" A live argument is expected and the invitation is extended to everybody interested to attend and take part in the discussion. Remember, Sunday, Jan. 14, at 4 P. M., in the old chapel.

Q. T. V. FRATERNITY BUYS H. D. FEARING PROPERTY

Includes Lot of Acre and Half. Residence to be Used as Fraternity House.

The Amherst Corporation, Q. T. V. fraternity, has completed arrangements to purchase the residence of Mr. H. D. Fearing, including a lot of about one and one-half acres, situated on the corner of Pleasant and Fearing streets. The property will be bought for use by the active chapter as a fraternity home.

One of the finest pieces of property in Amherst, it is at once convenient to the campus, the town center, and the trolley line, and is a house in which the fraternty takes real pride. The house stands back from the street, and there is ample room for tennis courts which will be built.

The house itself, designed by McKim, Mead and White, is an Amherst landmark, and unusually well constructed. In the number and arrangement of its rooms it is well adapted to fraternity use and at least 26 men can be accommodated.

Q. T. V. fraternity owned a large tract of land on Lincoln avenue, near the veterinary building, on which it was planned to erect a fraternity house. A few years ago, however, the college authorities made known their desire to acquire this land for building purposes, and the fraternity has been disposed to accede this wish. Lack of funds has prevented the trustees from taking over the property and this has forced the fraternity to postpone, from time to time, the building of a house, plans for which were completed some years ago. The time having become auspicious for the acquiring of a home, the fraternity has decided to locate elsewhere rather than to build on land apparently needed for the future development of the college.

NAME PRES. BUTTERFIELD

President K. L. Butterfield has been suggested as a candidate for the coming constitutional convention from either the 3rd Hampshire representative district or from the 2nd congressional district. The convention will meet in Boston during the summer to draw up a new constitution which will then be submitted to the people for adoption or rejection.

PLEDGES FALL SHORT

Lack Over $400 of the $1700 Asked

As a result of the pledges made at last Wednesday's assembly toward the Alumni Field fund, $1286.20 was pledged out of $1700 asked for. The class of 1917 was not asked to give anything, but pledged $87.50. All the other classes fell short of the amount they were asked to give. $2000 is needed to complete the field, although only $1700 was asked for, as there is about $500 in pledges out in the student body, yet unpaid. This $2000 is to be expended as follows: $300 for the completion of the fence; $700 for grading; $1000 to complete the track. A little over $400 is needed, beyond what has already been pledged. The amounts each class was asked to give, and what they did pledge, follows:

	Asked.	Pledged.
1917	———	$ 87.50
1918	$400.00	251.25
1919	600.00	343.35
1920	700.00	604.10

VARSITY TRACK

Squad Now Hard at Work. Start Training Table.

Varsity relay practice is now in full swing with something over fifteen men at work daily on the board track. This year due to the shortened holidays, candidates were called out the week before Christmas thus giving Coach Dickinson '10 an opportunity to size them up before starting work on the banks and tagging. Captain Pratt '17 is the only letter man left from last year's speedy quartette but Bell and Clough '17, hundred yard men, Bainbridge, Baker, Wooding, Gillette '18 and Carpenter '19 form a nucleus around which the yet untried material may be shaped. Training was started in force this week with the establishment of a training table at the Dining Hall. Manager Flint has so far been unable to bring his negotiations with several colleges to a definite schedule outside of the Coast Artillery meet Jan. 27 when they line up against either Tufts or Rhode Island and the B. A. A. meet. W. P. I. will attempt to make good her decisive defeat of last year. Tentative dates have been arranged with Trinity at Hartford and New Hampshire State.

FRESHMEN START RIGHT.

At a meeting held last Wednesday after assembly 40 Freshmen signified their intention of attending the annual banquet of the Greater Boston Club, which will be held at the Boston City Club, March 30, 1917. Last year about a hundred "Aggie" men dined at the City Club and prospects look bright for a larger attendance this year. "Ned" Edwards assures the undergraduate organization of the hearty co-operation of the Alumni. It is expected that the "Aggie" musical clubs will furnish the music for the occasion.

HATHAWAY AND BUFFUM TO HEAD 1919 INDEX

At a regular meeting of the sophomore class held Friday evening the 1919 *Index* editor-in-chief and the business manager were elected. It was also voted that the other positions should be open to competition to the whole class. First, a blind ballot was taken, and the three highest men were balloted on to ascertain the choice of the class for the positions. On the blind ballot for editor-in-chief, Hathaway, Pierson, and Burt were nominated, but as Pierson declined, Hastings became third choice. On voting again, Hathaway was elected. For business manager, Burt, Ferris, and Buffum were nominated. Buffum was elected. A motion was also made to the effect that each man in the class be taxed $5.00 for the Alumni Field fund. If a man had already pledged $5.00 this year he is to be exempt, and all pledges made this year are to count toward the amount taxed.

CHEER LEADER COMPETITION

As a result of Westman's call for candidates from the sophomore class, the following men have signified their intention of competing for the position of assistant cheer leader, to which Paul F. Hannewell '18 of Somerville was recently elected: H. Baxter, J. Callanan, P. Faxon, W. Hathaway, S. Johnson, G. Peck, M. Morse.

The competition will be run in the same manner as competition for assistant managers of athletic teams. Each competitor will be required to hand in at least a new cheer, run a special trip, and attend all practice that is held. A special exam will be held in June which will count as a part for the selection of the men.

BARNES TURNS UP AGAIN

Coal-passer, fireman, and seaman were the niches filled by Herbert Welesley Barnes ex-'17, now '18, of Whitinsville, during his travels on board the Norwegian tramp steamer. He visited, in the seven months trip, ports of France, England, Italy, Algiers, Tunis and South American ports, stopping at Buenos Aires for a while. Following his trip he was engaged in floriculture work at Rutherford, N. J. He has now returned to college and expects to finish the floriculture major with the class of '18.

STUDENTS COMPILE CATALOG

Students in Agricultural Education 51 are co-operating with Prof. Hart in compiling a catalog of authors of and articles pertaining to pedagogy as found in the magazines and books at the library. This work besides being credited is of unlimited value to those intending to enter the fields of education.

'14.—Miss Mary B. Chase has announced her engagement to Stanley B. Freeborn, both of '14.

Specialists in

Students' Needs

FOR generations we have served the college men and students of all New England and we know their requirements.

Our stocks of Student Clothing, Haberdashery, Shoes, Athletic and Sporting Goods, Jewelry, Rugs, Desks and Books are complete and moderately priced.

Sole Agents in Boston for the justly famous

Society Brand Clothes

Free delivery to Amherst of any purchase—large or small.

JORDAN MARSH COMPANY
Boston

Dr. L. O. Whitman
21 Pleasant St., Amherst, Mass.
Office Hours: 1-3, 7-8 p. m. Sunday and other hours by appointment.

Eyes Examined
Glasses Furnished
OSCAR L. McCULLOCH
54 Suffolk St. Holyoke, Mass.

Croysdale Inn
SOUTH HADLEY, MASS.
Good Beds and Good Things to Eat.
Telephone 2628-W, Holyoke.

FLEMING'S SHOE STORE
Northampton

Cox Sons & Vining
72 Madison Ave., New York

Caps
Gowns
Hoods
for all Degrees
ROBES FOR JUDICIARY, CLERGY AND CHOIR

FLOWERS AND PLANTS
Grown by the Floricultural Dept.
We offer our surplus stock of cut flowers and plants at reasonable rates to students and faculty. This stock is grown in modern houses under ideal conditions. Roses, carnations, violets, chrysanthemums and sweet peas in season.
GROWN ON THE CAMPUS
Telephone 300

RAHAR'S INN
Northampton, Massachusetts
EUROPEAN PLAN
The Best Place to Dine
All Kinds of Sea Food
Special luncheon from 11-30 to 2 p. m.
—A la carte service—
6-30 a. m. to 11-30 p. m.
R. J. RAHAR, Prop.

The "Nonotuck"
HOLYOKE'S LEADING HOTEL
Club Breakfasts, 25c to 75c
Business Men's Luncheon, 60c
Sunday Table d'Hote Dinner, $1.25
GORHAM BENEDICT, Mgr.

TO HOLD JOINT CONCERT

Musical Clubs to Combine With Those of Tufts Jan. 25 in Northampton

A joint concert with the Tufts college musical clubs, at the Academy of Music, Northampton, Thursday, Jan. 25, 8 P. M., is the feature of the concerts to be given by the combined musical clubs of the college for January, as announced by Manager Lipshires. The schedule also calls for a concert and dance at City Hall, Holyoke, Jan. 12, and a concert at Florence, Jan. 19.

The joint Tufts-M. A. C. concert promises to be one of the musical attractions of the winter season. The management has been fortunate in securing this joint concert as Tufts have their usually good musical clubs this year and are very popular wherever they have been. Among the patrons and patronesses will be President and Mrs. K. L. Butterfield, M. A. C., President and Mrs. Alexander Meiklejohn, Amherst college, President and Mrs. Marion Leroy Burton, Smith college, and Mayor and Mrs. A. J. Morse of Northampton.

Tickets for the students will go on sale by manager Lipshires, Thursday, Jan. 11, Y. M. C. A. Office.

The schedule for musical clubs follows:

Friday, Jan. 12—City Hall, Holyoke; concert 8-9-30; dancing until 1 A. M. College orchestra will play.

Friday, Jan. 19 — First Congregational church, Florence; concert, 8 P. M.

Thursday, Jan. 25 — Joint concert Tufts College musical clubs, Academy of Music, Northampton, 8 P. M.

BULLETIN ON FEEDSTUFFS

"Inspection of Commercial Feedstuffs" by P. H. Smith M. Sc. is the latest publication of the Massachusetts Station, listed as Control Series, Bulletin No. 5. In addition to the tabulation of the analysis of all commercial feedstuffs sold in this state during the year ending Sept. 1, 1916 there is a general discussion of their feeding value, with comparisons, which should be valuable to the farmers. A special article "Net Weights of Feeding Stuffs" and a tabulated list of the wholesale cost of feedstuffs for the year, based upon the Boston rate, also appear in this bulletin.

VAUDEVILLE COMMITTEE

That 1917 intends to make a success of their class vaudeville performance, and at the same time renew an old custom, is shown by the appointment of a live executive committee in the shape of Philip R. Babcock, David H. Buttrick, Louis W. Ross, T. Palmer Wilcox and Edmund B. Hill chairman. Several clever acts have already been solidified into a basis for an excellent performance, the probable appearance of which will take place during the week of Feb. 12.

ECONOMICS MEETING JAN. 10

The Economics club will hold a very interesting meeting on Wednesday evening, Jan. 10, in Clark hall, Room B, 7-30 P. M., at which Mr. Rutledge of the Economics department will speak on "The Technique and methods of Civil Service examinations required for admission to the Bureau of Markets, Washington, D. C."

This is a very important question not merely for those who are contemplating government service, but also for those who are desirous to learn the technique of government examinations. Every one interested is cordially invited to attend.

TO PLAY PITTSFIELD

Owing to bad ice conditions, the freshman hockey game scheduled with Pittsfield high for last Saturday, Jan. 6, was postponed to next Saturday, Jan. 13. The game with Amherst high scheduled for that date will be played during the week.

The freshman squad is composed of 29 men, who show possibilities of a good team. No cut has been made as yet in the squad. A training table is being arranged at the Dining Hall which will enable the men to keep in better condition. The team will be given a hard week of practice, if the ice holds good, in order to whip the team in to shape for Saturday's game.

IMPERSONATES A SHANACHIE

Seumas McManus in his lecture Saturday evening in Stockbridge Hall impersonated a Shanachie or story-teller, and gave, to an appreciative audience of about 400, samples of the Irish folk-lore. The tales he told were some of the myriad related about the peat-fire of the little cottages throughout Ireland to men, women, and children. For an hour and a half he kept his hearers facinated by his tales. He closed by recommending to the perusal of his audience his latest collection of the folk-lore in, "Around the Chimney-Corner."

TELL OF M. A. C. COURSES

"Boost Old Aggie" spirit prevailed at the city hall auditorium, Brockton, during the Christmas holidays when the Agricultural club of the city composed of college men met the high school pupils. Aggie life and the studies available at M. A. C. were the subjects placed before the high school pupils by the Aggie men. The following men were present: George Erickson '18, Birger R. Rosequist '18, Milan Logan '19, Gustaf Anderson '20, Conrad J. Johnson '20, Henry Ball '20.

During the meeting a cup was given the best team of the state for 1914 in the raising of market produce. Three Aggie men figured, Gust Anderson '20, as captain of the team, Milan Logan '19 and Henry Ball '20.

Semi-Annual Clearance Sale

$3 and $4 Derbys and Soft Hats. . . . . **Now $2 and $2.50**
Aquascutum Overcoats, Regular Price $28 to $35. **Sale Price $20 to $25**

PATRICK MACKINAWS
Regular Price $ 0 and $12. . . . **Now $7.50 and $8**
Sheep Lined Coats, Regular Price $18 to $21,
Sale Price $13.50 to $15.50

—At—

CAMPION'S COLLEGE STORE
For 10 Days Only

—Come to us for—

Fireplace Goods, Coat and Trouser Hangers
Ever Ready Flash Lights and Paint
Clothes and Shoe Brushes
Anything in Hardware and Cooking Utensils

Always glad to see you.

THE MUTUAL PLUMBING & HEATING CO.

BURPEE REGISTERED VAB TRADE MARK The Seal of Quality

Burpee's Seeds Grow

FOR forty years we have rendered faithful service. For forty years we have tried to make each year's service more nearly ideal. This untiring effort has built for us not only The World's Largest Mail Order Seed Business, but also a World Wide reputation for Efficiency and undisputed leadership. The Fortieth Anniversary Edition of **Burpee's Annual**, *the* **"Leading American Seed Catalog"** is brighter and better than ever. It is mailed free. A postcard will bring it.

W. ATLEE BURPEE & CO., Seed Growers,
Burpee Buildings Philadelphia

Page's Shoe Store
Largest Stock—Lowest Prices
Expert Repairing—Best leather used

JACKSON & CUTLER
—DEALERS IN—
Dry and Fancy Goods and Choice Family Groceries

THE MASSACHUSETTS COLLEGIAN

Published every Tuesday evening by the Students of the Massachusetts Agricultural College.

BOARD OF EDITORS.

RICHARD W. SMITH '17, Editor-in-Chief
MARSHALL O. LANPHEAR '18, M'ging Editor
MILFORD R. LAWRENCE '17, Assistant Editor
WILLIAM SAVILLE, JR. '17, Alumni Editor

ASSOCIATE EDITORS.

JOHN T. DIZER '17
JOSEPH F. WHITNEY '17
FRANK J. HINKS '18
NATHAN W. GILLETTE '18
ELIOT M. BUFFUM '19
MYRTON F. EVANS '19

BUSINESS DEPARTMENT.

MERRILL P. WARNER '17, Business Manager
JAMES C. POWELL '18, Assistant Business Manager
BIRGER R. ROSEQUIST '18, Advertising Manager

Subscription $2.00 per year. Single copies, 8 cents. Make all orders payable to **Merrill P. Warner.**

In case of change of address, subscribers will please notify the business manager as soon as possible.

Entered as second-class matter at the Amherst Post Office.

Vol. XXVII. Tuesday, Jan. 9. No. 13

MUCH criticism, some well-grounded, some simply "crabbing," is afloat among the patrons of the dining hall concerning the reasons for the recent increase in the price of board. We can only advise these discontented people to refrain from generalizations and half-thought-out suppositions, and reserve comment until their arguments have the force of facts behind them. To steal a phrase from Raymond Robins, "What we need is more light and less heat." The facts are not yet available, and until they are, we do not care to express any opinion either one way or another. We consider it not beyond our province to ask the patrons of Draper hall to do the same until the true facts are all gathered.

WITHOUT making a frenzied cry for a place to develop intercollegiate athletics, without even suggesting the need of a place to play big games, Professor Hicks has appealed to the undergraduate body to finish an Aggie project, begun and financed so far by Aggie men. The completion of Alumni Field is not so important from the standpoint of 'varsity athletics as it is because it will furnish adequate recreational facilities for every man in the institution. The cinder track, tennis courts in plenty, and seats for more spectators, all these make a proposition so wide in the extent of its usefulness to the student body that even the most selfish of men will admit that there is something in it for him. The self-respecting man, and we are not concerned with other types, will make sure that there is something in that field *from* him.

BUT for the fact that every question has two sides there would never be any basis for an argument. With this in mind, Adelphia has selected as the topic for discussion at Sunday's forum the question, Is anything wrong with our student government and if so, why? The two expressions of opinion recently printed in the COLLEGIAN proposing certain changes in our present system are, without mincing words, frankly challenging the student government to justify its existence. Wherefore that government must either defend itself openly, or by a failure to take a stand, admit its uselessness without an argument. We would be hypocritical indeed to pretend that it is entirely useless, but no less hypocritical is it to pretend that there is no phase of the situation which can bear improvement. The question proposed is a live one, and doubly so because of the fact that the men of the opposition do not indulge in destructive criticism, but set forth a very definite and clear cut program, which we believe can eventually be worked out. The issue, as we see it, is whether this college community can best be led by a group of men chosen for their popularity or by a group of men chosen to represent every element in the institution. The coming discussion will be valuable even if it does no more than simply clarify public opinion in the college, and if every man will speak out his own convictions it will at least go down as one of the real signs of progress.

DR. JOHN M. THOMAS TO SPEAK AT SUNDAY CHAPEL

The speaker for next Sunday chapel services is a man who should, at least through collegiate relations, be more or less a friend of the student body for he is Dr. John M. Thomas, President of Middlebury College, Middlebury, Vt. After passing a boyhood in his birthplace, Fort Covington, N. Y., he received his A. B. in 1890 and his A. M. in 1893 from Middlebury and was ordained into the Presbyterian ministry. From 1893 to 1908 he was pastor at East Orange, N. J., during which time he studied two years 1893-5 at the Union Theological Seminary and in 1903 attended the University of Marbury. Higher honors were still to be his for Middlebury in 1907, Amherst in 1908 and Dartmouth in 1909 gave him D. D. and the University of Vermont honored him with LL. D in 1911. Since 1908 he has been president of Middlebury College, serving on the State Board of Education. He is the author of the "Christian Faith" and the "Old Testament" besides being a contributor on religious subjects to various magazines.

FOOTBALL ASSISTANTS

The following sophomores have been elected assistant managers of varsity football: S. P. Batchelder of North Reading and R. D. Chisholm of Melrose.

SENIORS AND SOPHOMORES WIN THEIR GAMES FRIDAY

Second Year Men Have Close Call With Juniors. Freshmen Lack Confidence.

The 1917 interclass basketball series opened last Friday night with the Senior–Freshman game, in which the former were the winners by a score of 19 to 12. The freshman were somewhat wild in their passing and lacked confidence. The older team, which was somewhat heavier than their opponents, showed superior team work and held a safe lead throughout the game. Stedman starred for the 1920 team, gathering in a good share of the baskets for the losers, while the shooting of Mack featured for the seniors.

SENIORS.	FRESHMEN.
Rorstrom, lf	rg, Graves
Mack, rf	lg, Roberts, Berman
Harlow, c.	c, Armstrong
Day, lg	rf, Steadman
Higginbotham, rg	lf, Ball

Score—Seniors 19, Freshman 12. Goals from floor—Day, Harlow, Mack 5, Rorstrom, Ball, Stedman. Goals from fouls—Day 3, Stedman 4, Armstrong 4. Referee—Ashley of Amherst. Time—30-minute halves.

The Junior–Sophomore game was a much closer contest. The first half saw the juniors with a lead of 9 to 6, but the orange jerseyed team came back strong in the second half and tied the score, necessitating a five minute overtime period, in which 5 baskets were scored by the sophomores, putting the game on ice for them. The shooting of Minor and Vickers featured the game.

SOPHOMORES.	JUNIORS.
Batchelder, Vickers, lf	rg, Babbitt
Peterson, Crowe, rf	lg, Gray, Bainbridge
Blanchard, c	c, Cotton
Williams, lg	rf, Gillette
Whittle, rg	lf, Minor

Score—Sophomores 21, Juniors 13. Goals from floor—Blanchard 4, Crowe, Vickers 4, Minor 2, Cotton. Goals from fouls—Peterson, Minor 6, Gillette. Referee—Ashley of Amherst. 20-minute halves. 5-minute overtime period.

FRESHMEN DEFEAT SMITH

The freshman basketball team opened its season last Saturday night with a win over Smith's academy of Hatfield by a score of 26 to 4. The visitors did not get a basket from the floor and seemed somewhat lost in the large hall, as their home playing surface is considerably smaller.

The 1920 defense played a good game. The passing of the team as a whole was not up to expectation, and fumbling was prevalent.

FRESHMEN	SMITH ACADEMY
Lothrop, lf	rg, Fusek
Richards, Ball, rf, c	lg, D. Ryan
Harrington, c	c, C. Ryan
Lent, lg	lf, Prulx
Vigezzi, Davis, rg	rf, Fusek

Score of the game—M. A. C. 1920 26; Smith, 4. Goals from the floor—Lothrop 3, Richards 2, Harrington 3, Lent, Ball. Goals from fouls—Lothrop 6, Fusek 4. Referee—Vickers '19. 20-minute halves.

E. B. DICKINSON, D.D.S.

DENTAL ROOMS

Williams Block, Amherst, Mass.

Office Hours 9 to 12 a. m., 1-30 to 5 p. m.

BOYS

During Exams don't worry about what you are going to give your **wife** for Xmas.

We have **his** brand of tobacco or cigarettes in Xmas packages.

She'll love you better next term.

HENRY ADAMS & CO.

The REXALL Store

DE LAVAL
Separators
Save in Seven Ways

QUANTITY of cream that no other separator will recover completely

QUALITY of cream as evidenced by De Laval butter always scoring highest in every important contest.

LABOR in every way over any gravity system or other separator, by turning easier, being easier to clean and requiring no adjustment.

TIME over any gravity system or other separator, by reason of greater capacity and the same reasons that save labor.

COST in that the De Laval will last from ten to twenty years, while other separators wear out and require to be replaced in from one to five years

PROFIT in more and better cream, with less labor and effort every time milk is put through the machine.

SATISFACTION which can only come from knowing you have the best separator, and are at all times accomplishing the best possible results.

THE DE LAVAL SEPARATOR COMPANY

165 BROADWAY, NEW YORK — 29 E. MADISON ST., CHICAGO

The Life of Chilean Nitrate Deposits

A. D. 1917

Total Nitrate deposits in Chile } 720 million tons

Estimated life of deposits at present rate of World's consumption } 300 years

For Reliable Information Write

Dr. WM. S. MYERS, Director
Chilean Nitrate Propaganda
25 Madison Avenue, New York

CAMPUS CALENDAR

[Notices for this column should be dropped in at the COLLEGIAN office or handed to Nathan W. Gillette '18 on or before the Monday preceding each issue.]

WEDNESDAY, JAN. 10

2-10 P. M.—Assembly, President Kenyon L. Butterfield.
4-15 P. M.—*Index* Rush. Alumni Field.
6-45 P. M.—Mandolin Club Rehearsal, Social Union.
7-30 P. M.—Agricultural Economics Club. "Civil Service Exams."

THURSDAY, JAN. 11.

6-45 P. M.—Orchestra Rehearsal, Social Union.
7-00 P. M.—Landscape Art Club, Wilder Hall. Prof. H. C. Thompson speaker.
7-00 P. M.—Florists and Gardeners Club, French Hall. Aubrey Butler of Butler and Ullman, Northampton, speaker.

FRIDAY, JAN. 12

7-00 P. M.—Movies featuring "Ty" Cobb under auspices Social Union. Stockbridge Hall.
7-15 P. M.—Inter-class basketball, Drill Hall. 1917 vs. 1919. 1918 vs. 1920.
7-00 P. M.—Freshman basketball. 1920 vs. Easthampton High at Easthampton.

SATURDAY, JAN. 13

2-30 P. M.—Freshman Hockey 1920 vs. Pittsfield on the rink.
3-30 P. M.—Informal in the Drill Hall.
7-00 P. M.—Movies at Stockbridge Hall.

SUNDAY, JAN. 7

9-10 A. M.—Chapel. Dr. J. M. Thomas, President of Middlebury College, Middlebury, Vt.
1-00 P. M.—Forum in the chapel. Subject, "Is there anything wrong with our student government?"
6-00 P. M.—Y. M. C. A. Meeting. Social Union.

ABOUT THE CAMPUS

Henry B. Peirson, of Bradford, has pledged Kappa Sigma.

Prof. E. L. Quaife will speak at the Connecticut Agricultural College short course, Storrs, Conn., this week. The subject of this lecture will be swine.

Prof. Arno H. Nehrling, head of the Department of Floriculture has recently been appointed state vice-president of the National Society of American Florists and Ornamental Horticulturists.

Mr. Ezra I. Shaw of the National Forest Service, stationed at Missoula, Montana, has been visiting his parents in Amherst recently. He is the author of an attractive article on "Montana's Newest Pleasure Ground," published in the Christmas number of the *Northwestern Motorist*.

BASKETBALL MANAGERS.

The following men have been elected managers of class basketball: 1917, A. V. Noyes of Georgetown; 1918, W. A. Foley of Palmer; 1919, E. Coderre of Southbridge; while L. Fuller of Lowell and L. P. Martin of Malden are candidates for the 1920 managership.

'09.—"Beef" Willis has paid his COLLEGIAN subscription. Who's next?

STUDY SICK TOBACCO

Research work in the so-called "sick" tobacco soils is being undertaken by the department of botany in addition to the field work that the department is doing. During the winter they will take up in detail the bio-chemical and pathological analysis of the soils and plants In one end of the greenhouses experimental beds have been established. These beds have been filled with the different tobacco soils that have been affected in our region. In addition to that a number of pot experiments are under way. These have more in particular to do with the working out of practical soil treatment for abnormal soil conditions as well as for root rot. The department expects to take up again in the summer the field work on the plots located in different points in the tobacco growing region.

AGGIE MEN AT WASHINGTON.

The meeting of the American Civic Association in Washington, last week, brought together a number of Aggie men. A. D. Taylor '05, appeared on the program, as did R. H. Francis '10, of Syracuse N. Y., and Frank H. Culley '13, of Ames, Ia., Alfred F. Muller '12, who was killed the week before, had prepared an important paper for the meeting, which was read by the secretary.

Professor Waugh presided at one of the sessions and delivered an address. Prof. P. H. Elwood, formerly of the Landscape Department at M. A. C., was present as a member of the Country Planning Committee. Tell W. Nicolet '14, was represented in the exhibition of country planning work which was a feature of the meeting.

TO LECTURE IN SPRINGFIELD

Prof. F. C. Sears of the pomology and Dr. A. E. Cance of the economics departments are to give lectures Thursday at the Hampden County League conventions at Springfield.

1913 NOTES

The following 1913 men took part in the 4th Annual Conference of County Agricultural Agents and Vocational Agricultural Instructors, held at the college, Dec. 18-23nd.

Ralph H. Gaskill, County Agent, Bristol County. Address, Segreganset.

Fred D. Griggs, Assistant Secretary Hampden County. Address, Springfield.

Allister F. MacDougal, County Agent, Hampshire County. Address, Northampton.

John S. Carver, Instructor in poultry, Essex County Independent Agricultural School, Hathorne.

Lawrence A. Bevan, Instructor, Norfolk County Agricultural School. Address, Walpole.

R. A. Lundgren, Agricultural Instructor in the high school, Orange.

ALUMNI NOTES.

'95.—W. H. Lewis, who has had charge of constructing the Shark River Jetties at Belmar, N. J., has accepted a position with Westinghouse, Church, Kerr & Co., to build a masonry dock and sea wall at at Matanzar, Cuba. Address, Apartado No. 98, Matanzar, Cuba.

'97.—J. Gerry Curtis is president of the J. Gerry Curtiss Co. Inc. Forestry and Landscape Designers. He is Borough Forester in Wilkinsburg, Dormont and Mt. Lebanon boroughs in and about Pittsburg. He is also superintendent of the Westinghouse Estate in Pittsburgh.

'02.—Prof. C. I. Lewis head of the Horticultural Department of the Oregon Agricultural College is the author of a serial article entitled "The Physical Handling of Fruit" which is appearing in "Better Fruit" the fruit growers magazine of the North-west.

'12.—F. B. Hills has resigned his assistant professorship of Animal Husbandry at Delaware College, and has taken charge of the publicity work of the American Guernsey Cattle Club with headquarters at Peterboro, N. H.

'14.—Nathaniel K. Walker is with the Linn & Sweet Shoe Co., of Auburn, Me. He is head of the Planning Department, while P. B. Eaton Ex-'15 is Assistant Sales Manager for the same concern. They have an apartment at 16 Elm Street, Auburn, Maine.

'14.—C. H. Peters has returned from his work in Canada and is again at Cooperstown, N. Y., with F. de-Puyster Townsend, Landscape Architect.

'16.—Dwight Barnes was married to Mabel Baker, Dec. 23, at Brooklyn, N. Y.

LANDSCAPE ART CLUB TO INSTITUTE NEW SCHEME

A well tried and successful scheme is to be instituted by the Landscape Art Club in the form of assigned tracings which each man will do and hand in to the club at each meeting. This will insure, at the end of the season, a set of plans taken from the different authoritative sources which would be inaccessible to a number of the students, due to the prohibitive cost and number of volumes required to get the diverse tracings which the set will contain. This idea was carried out successfully at the University of Illinois by the landscape men.

APPOINTS GIFT COMMITTEE

With the idea of making 1917 distinctive among the alumni as a gift class, the following committee has been appointed to investigate and supervise the purchase and presentation of a class gift: Alfred Booth, Horace Marchant, Richard W. Smith, William Thayer and Roland W. Rogers chairman.

THE
United States Hotel
Beach, Lincoln and Kingston Sts.
BOSTON, MASS.

Only two blocks from South Terminal Station, and easily reached from North Station by Elevated Railway, and convenient alike to the great retail shopping and business centre, also to the theatres and places of interest.

European Plan $1.00 per Day and Upwards

Table and service unsurpassed. Booklet and map sent upon application

TILLY HAYNES, Proprietor — JAMES C. HICKEY, Manager

WEBSTER'S STUDIO

Everything in Photography

GROUPS A SPECIALTY

Good work speaks for itself.

NASH BLOCK, AMHERST, MASS.

AMHERST BOOK STORE

Note Books — Fountain Pens

Agents for Rex Typewriter

F. M. CURRAN — C. F. DYER

MARSH'S SANITARY
Students' Furniture
RUGS AND CARPETS
— E. D. MARSH ESTATE —

ESTABLISHED 1802
STEPHEN LANE FOLGER, Inc.
MANUFACTURING JEWELERS
180 BROADWAY, NEW YORK
CLUB AND COLLEGE PINS AND RINGS
GOLD, SILVER AND BRONZE MEDALS

— JOIN THE BUNCH AT —
EPSTEIN'S TAILORING PARLORS
Now located over post office. Up one flight
Pressing and Cleaning a Specialty
Liberal Ticket System Tel. 36-M

College Stationery
With Class Numerals.

Magazines, Newspapers and Fountain Pens

A. J. HASTINGS
Newsdealer and Stationer

Gallup at Holyoke
293-297 High St
— SELLS —
Hart Schaffner & Marx Clothes
Come down to Holyoke and see our big store.

S. S. HYDE
JEWELER & OPTICIAN
13 Pleasant St.
Oculists' Prescriptions Filled. Broken Lenses Accurately Replaced. Fine Watch Repairing Promptly and Skilfully Done.
Satisfaction Guaranteed

PLYMOUTH INN
Northampton
Quiet and Comfortable—Every facility for
BANQUETS PARTY DINNERS
American and European Plans

"BIDE-A-WEE"
Creamed Chicken and Waffles
Our Specialty—And other good things to eat.
MRS. L. M. STEBBINS,
Middle Street, Hadley, Mass.
Tel. 415-W

The Highland Hotel
Corner of Hillman and Barnes Streets, three blocks from the Union Depot, is a modern hostelry run on the European Plan. It is just a step from Main Street, away from the noise and dust and yet in the center of the business district.
Its rooms are well furnished and comfortable, having a telephone and hot and cold running water in every room. Prices $1 and up; rooms with bath (single) $1.50 and up.
Its excellent cuisine and well ventilated dining room makes a meal a pleasant memory—everything of the highest quality, well cooked and served in the best possible manner.
Stay at the Highland Hotel once and you will anticipate staying there again. Music every evening.
D. H. SIEVERS,
Highland Hotel, Springfield, Mass.

WHITE'S MUSIC STORE
HENRY K. WHITE
241 MAIN STREET, NORTHAMPTON
Mandolins, Genuine Hawaiian Ukuleles, Picks, Strings, etc., and music for all instruments and all voices. Instruments may be had on trial.

UNITY CHURCH
NORTH PLEASANT ST.
A Church home of the liberal Faith, where every student will meet with a cordial welcome.
REGULAR SUNDAY SERVICE AT 7 P. M.

Dr. A. H. Daniels, D. O.
OSTEOPATHIC PHYSICIAN
305 LAMBIE BLDG., NORTHAMPTON, MASS.
Telephone

BUY YOUR
Dental Creams, Toilet Soaps, Shaving Powders,
etc., of
A. W. HAMLIN, AMHERST, MASS.
I call at the Dorms and Fraternity Houses.

The Holyoke Valve & Hydrant Co.
Jobbers of Wrought Iron and Brass Pipe, Valves and Fittings for Steam, Water and Gas, Asbestos and Magnesia Boiler and Pipe Coverings, Pipe Cut to Sketch. Mill Supplies. Engineers and Contractors for Steam and Hot Water Heating, Automatic Sprinkler Systems, Boiler and Engine Connections. Holyoke, Mass.

BECKMAN'S
Candies and Ice Cream
"HAMP"

Seniors and Juniors
Now is the time to buy those
FILING CASES
For your Bulletins.

Johnson Book Co.
BABBITT WOODWORTH
Alpha Sigma Phi House.

Batchelder & Snyder Co.
PACKERS AND POULTRY DRESSERS
WHOLESALE ONLY
Beef, Mutton, Lamb, Veal, Pork, Hams, Bacon, Sausages, Poultry, Game, Butter, Cheese, Eggs, Olive Oils.
Blackstone, North and North Centre Streets.
BOSTON, ... MASS.

F. A. SHEPARD
MEN'S STORE
Shoes Hats Furnishings
Local Agent for
E. V. PRICE CO., LAMM CO., BROWNING, KING & CO.,
Custom Tailors
OUR DISCOUNT TICKET SAVES YOU 5%

Carpenter & Morehouse,
PRINTERS,
No. 1, Cook Place, Amherst, Mass.

COLLEGE ASKS LEGISLATURE FOR $488,200

Library, Dormitory, and Many Improvements Called for in Annual Budget.

LEGISLATIVE BUDGET FOR 1917 AS APPROVED BY THE BOARD OF TRUSTEES.

Library,	$250,000
Equipment and Improvements,	75,000
Poultry Building,	4,200
Student Dormitory,	50,000
Dining Hall Improvements,	10,000
Rural Engineering Shops,	9,000
Power Plant, Turbine House, Steam Line Tunnels,	90,000
Total,	$488,200

Following is a brief statement from President Butterfield of the need for the appropriations as requested:

Library—$250,000

In my report last year I dwelt at some length on the very pressing need for adequate library facilities. I feel that I can do nothing more this year than to reitterate those arguments, and state that the need is even more apparent today than a year ago. I think the consensus of opinion among the college staff is that a new library represents the most pressing building need of the institution.

Equipment and Improvements—$75,000

For three successive years the legislature has made inadequate provision for much needed improvements and new equipment at the college. The requests for this year, therefore, represent accumulated needs.

Poultry Building—$4,200

The equipment for the poultry department is still far from complete, dre in part to the fact that this work was undertaken in a large way only six years ago. A much needed addition is a poultry breed and judging laboratory, 20x104 feet, which will provide a poultry house containing twenty-four small pens and laboratory space for general demonstrations; also a large room on the second floor adequate for the accommodation of twenty-five to fifty students in work in judging poultry.

Student Dormitory—$50,000

This is the seventh successive year in which the college has asked the Legislature to provide funds for a small dormitory. At a time when student expenses are increasing materially, due to the high cost of living, it would be extremely desirable from the standpoint of the college to check the increasing living expenses in some small degree by affording comfortable living accommodations on the campus for a larger percentage of its students. The plan, as presented, will provide a dormitory to house fifty students, and estimates indicate that the building will pay a fair percentage on the investment represented, as well as provide rooms at a relatively low cost.

Dining Hall Improvements, $10,000

When the dining hall was remodeled a few years ago, funds were not available for the construction of suitable storage facilties in the basement. The need for these has become more distressing each year, but no relief has been granted by the Legislature. The project, as now outlined, contemplates the construction of a separate storage for potatoes, storage for one hundred tons of coal, and a complete refrigerating plant for meat, butter, eggs, fruit, etc.

Rural Engineering Shops,—$9,000.

The Legislature of 1916 appropriated $12,000 for the construction of a one-story factory type of building for laboratory work and instruction in rural engineering. Whereas this provides the initial equipment for work in rural engineering, the building is not yet adequate. The expenditure here contemplated is for a unit 32-ft. x 126-ft. providing a forge shop and an additional room for field machinery. By the addition of this unite we would be able to offer a complete course of instruction in the repair of farm equipment including forge work. It will also enable us to bring together into one laboratory all the farm machinery used for instruction purposes. The work in rural engineering is appreciated by the students, and the large number who elect the courses are making unusual demands upon the department, particularly with respect to laboratory facilities.

Power Plant, Turbine House, and Steam Line Tunnels—$90,000.

Owing to the buildings which have been erected at the college since the power plant was built, some eighteen years ago, the requirements made upon the plant have been increased many fold; thus, conditions at the plant are in need of prompt attention if efficiency in heating and lighting is to be rendered. In the boiler room there is at present no emergency equipment.

Minor changes in the construction of the present plant will be involved in the installation of this apparatus. The total cost of this equipment will be approximately $36,000.

It has been found that the institution can generate its own electricity at a cost which represents a material saving over the price which would be paid if purchased outside of the college. With the additional demands made upon the lighting system, due to new buildings, another dynamo is necessary, and it is proposed to install this in a separate turbine house to be constructed north of the present powerplant. The cost of the turbine house, dynamo, switchboard and crane, together with the cost of installing these, would be approximately $29,500.

It has been necessary to make some rather extensive improvements in certain sections of the present underground steam line, and the engineer deems it advisable to undertake these repairs and alterations, looking somewhat into the future. We are asking, therefore, for an appropriation of about $24,000, for initial improvements. The plan contemplated for 1917 is to construct a concrete tunnel from the power plant to the drill hall, a distance of about 1400 feet. In this connection it will be necessary to replace about 1150 feet of the steam line now used in this locality.

MARKET GARDEN STATION

Equipment and Improvements—$25,000

Maintenance to Be Available Until Dec. 1, 1918—$10,000

The Legislature of 1916 appropriated $8,000 for the purchase of land to be used for a Market Garden Field Station under the direction of the Massachusetts Agricultural College. A site has been selected in Lexington, Mass., and the purchase will be consummated at an early date. For properly improving this area and for providing suitable equipment for the prosecution of experimental work in market gardening, an appropriation of $25,000 is requested. A sum of $10,000 is requested for labor and other maintenance costs for a two-year period ending Dec. 1, 1918.

SEVERAL CHANGES MADE IN PHYSICAL EDUCATION

1. The Physical Education Department requires of Juniors, Sophomores and Freshmen three hours per week of supervised physical exercise for seven full weeks beginning Jan. 2, 1917.

2. Each student must register for one of the following forms of physical exercise and continue in that branch for the entire seven weeks:

a. Indoor Classes.

These classes are offered every day but Saturday 10 to 11, 11 to 12, 2 to 3, and 3 to 4.

Students electing this form of exercise must indicate on their registration cards the three sections per week that they will report. No student will be allowed to elect successive sections.

Attendance will be taken at twenty minutes past the hour. Each man is required to wear the regulation suit of white running shirt and pants and white rubber-soled shoes. Each man is expected to take a bath at the close of the period.

b. Cross County Walking.

Treks will start every Saturday at one P. M. from Drill Hall. Ten treks will be conducted. Each student electing this form of exercise must take seven.

c. Track.

Men electing track must report three afternoons each week, between three and five P. M. To get credit each man, when ready to go on the track, must report to men taking attendance in the locker room.

d. Hockey.

Men electing hockey must report three afternoons each week between three and five P. M. Attendance will be taken at the rink every half hour and each man must report to man in charge in order to get credit.

If at any time there is no ice, attendance will not be taken but the required number of hours will have to be made up at the end of the season.

e. Basketball.

This heading includes Varsity, Freshman and Interclass teams. The practice hours of these teams are posted in Drill Hall. Men electing this form of exercise not outfitted with a team uniform must wear the regulation indoor uniform.

f. Special Exercise.

Students elect this form of exercise only upon advice of the Physical Director. Regulation uniform as above stated will be required if exercise is taken indoors.

3. The grade given for the work will be based upon attendance. Absences, not excused, will reduce the term mark.

More than two absences from classes will constitute a failure. Students electing cross county walking and failing to take seven out of the ten treks offered will fail the course.

No make-up work will be permitted.

RAISE TUITION

Tuition and board at Mt. Holyoke college will cost $500 a year beginning with the next entering class, it has been announced by President Woolley of that institution. The action of the trustees in raising the fee was attributed to the increasing cost of living and of maintaining the institution. The college has not been able to pay its running expenses by means of the endowment fund and the fees paid by the students.

The college it was announced, will make every effort to assist those to whom the increased amount might make a college education impossible. The present rate at Mt. Holyoke is $425, of which $150 is for tuition and $275 for board and room.

SHEEP SKIN COATS AND ULSTERS
at the lowest prices in the state. Incidentally we have the best assortment that you have seen.

Custom Made Reversible Collared Shirts
From $1.25 to $4.00
Some real values.

Freshmen Toques, 60 Cents

SANDERSON & THOMPSON
Hart Schaffner & Marx Clothes

School and College Photographers . . .
White Studio
LOCALLY: 52 Center St., Northampton, Mass., and South Hadley, Mass
MAIN OFFICE: 1546-1548 Broadway, New York City
These Studios offer the best skilled artists and most complete equipment obtainable

DID YOU RAISE 300 BUSHELS OF POTATOES PER ACRE THIS YEAR?
If you did not you are losing part of your profits. Potatoes at almost $2.00 per bushel are the most profitable crop on the farm. Our book,
"Potatoes: A Money Crop"
will insure your full profits. Write to-day for your copy.
Local Agency Manager
THE COE-MORTIMER COMPANY, 51 Chambers St., New York City
Subsidiary of the American Agricultural Chemical Co.
Manufacturers of **E. FRANK COE FERTILIZERS**
1857 The Business Farmers' Standard for Sixty Years 1917

1916 NOTES

"Luther" Verbeck is enrolled as instructor of agriculture at Proctor Academy, Andover, N. H. Also teaches some mathematics and coaches the athletics there.

The boys are drifting West O. K. Here's Dick Potter, discovered at 1638 Wisconsin St., Racine, Wis. Wish we could quote his whole letter—it's done right, believe us. Dick is connected with the the J. I. Case Plow Works.

1916 men should begin marking Feb. 9 and 10, 1917, in the little red memorandum books as a date for appearance on the campus. Alumni Day is coming "Be There!"

The class of 1916 has paid its last out-standing bill, and now owes no living mortal even a new dime. But 16 of the '16's men owe '16 $77.38. That would help a lot toward the Big Reunion. The conscience fund is now open. If your conscience pricks you write to Gould M. A. C. for information pertaining thereto. He will break it to you easy.

Frank L. Davis, agricultural instructor, lock box 11, Harwich, Mass.

Carlton Upham has been in Sandwich, Mass., for the past six months as assistant to the editor of the Sandwich *Independent*.

Sanderson is working in the Arnold laboratory of Brown university in research bacteriology. "Sandy" is trying to find an organism which will bleach cloth.

"Jim" Hicks reports that on Oct. 3 there was born a husky heir to the throne, named Chester Spafford Hicks. Jim is teaching in Wilbraham academy.

"Tich" Whitney writes that he is poultry manager for the Birchfield farms, South Dartmouth, Mass. On April 14, 1916, Miss Dorothy Bennett Jenkins, Ethical Culture college '17, of Mt. Vernon, N. Y., and Mr. Harold Tichenor Whitney were united in marriage.

"Les" Fielding, care of Aluminum Cooking Utensil Co., Boston, Mass. He has his name on the company's stationery, which has a "made good" look to us.

"Bill" Brazil, 253 Lafayette avenue, Brooklyn, N. Y. The prosperous farmers of Long Island are buying fertilizer of Bill, who is with the American Agricultural Chemical Co.

ATTENDS CONFERENCE

Prof. Curry S. Hicks of the physical education department attended a series of annual holiday conferences under the auspices of the Society of Directors of Physical Education at New York for the purpose of considering intercollegiate athletics and physical training. At a later meeting of the National Collegiate Athletic Association at Columbia University over 200 colleges were represented.

The Massachusetts Agricultural College

Offers courses of instruction in twenty seven teaching departments, which embrace the study of

Agriculture, Horticulture, Science, Humanities and Rural Social Science.

A student may specialize in the following subjects:

Agriculture, Agronomy, Animal Husbandry, Dairying, Poultry Husbandry, Rural Journalism, Floriculture, Forestry, Landscape Gardening, Pomology, Agricultural Chemistry, Agricultural Economics, Economic Entomology, Microbiology, Economic Botany, Agricultural Education, Rural Sociology

For complete catalog and illustrated booklet, write

KENYON L. BUTTERFIELD, PRESIDENT
AMHERST, MASS.

COLLEGIAN DIRECTORY

Associate Alumni,	C. A. Peters, Secretary—454-W
Joint Committee on Intercol. Athletics,	H. M. Gore, Secretary—403-M
M. A. C. Athletic Field Association,	C. S. Hicks, Treasurer—403-M
Non-Athletic Association,	H. E. Robbins, Manager—res. 62-W
The College Senate,	L. T. Buckman, President—416
Football Association,	J. A. Chapman, Manager—8314
Baseball Association,	R. D. Hawley, Manager—8314
Track Association,	O. S. Flint, Manager—544-M
Hockey Association,	M. R. Lawrence, Manager—8347
Basketball Association,	N. Moorhouse, Manager—8364
Rifle Club,	S. F. Tuthill, President—416
Roister Doisters,	A. F. Williams, Manager—8364
Musical Association,	D. M. Lipshires, Manager—416
Nineteen Hundred Eighteen Index,	K. L. Messenger, Manager—8347
Nineteen Hundred Nineteen Index,	E. M. Buffum, Manager—8364
M. A. C. Christian Association,	D. O. Merrill, President—416
M. A. C. Catholic Club,	J. H. Day, President—8377
Fraternity Conference,	L. T. Buckman, President—416
Stockbridge Club,	M. J. McNamara, President—580
Interclass Athletic Committee,	O. G. Pratt, Secretary—8347

There are Seven Good Reasons why you should buy your

COAL
OF
C. R. ELDER

WOODWARD'S LUNCH

27 Main St., Masonic Bldg., Northampton, Mass.

Lunches, Soda, Ice Cream

Closed only from 1 A. M to 4 A. M

The Connecticut Valley Street Railway

From Amherst, via Northampton, through the Hatfields, past the foot of Sugar Loaf Mt., alongside the famous Bloody Brook battle ground to Old Deerfield, thence to Greenfield, Turners Falls and across the "Plains" to Lake Pleasant, Montague and Millers Falls.

50 Miles of Trackage—Modern Equipment—Train Dispatching System—Freight and Express Service over entire line.

Connecticut Valley Street Railway Company

Jacob Reed's Sons are the leading manufacturers of

UNIFORMS

For college and military schools, and have won and maintain their prestige by sheer merit. The uniforms worn at Massachusetts Agricultural College are finished examples of our product.

JACOB REED'S SONS,
Makers of "Gold Medal Uniforms."
1424-1426 Chestnut St., Philadelphia, Pa.

FOUNTAIN PENS

Moore's Swan's
Waterman's

Thirty-six dozen pens to select from.

—OUR RULE—
"Satisfaction guaranteed or money refunded."

DEUEL'S DRUG STORE

COLLEGE SHOES

We carry the largest stock in the state outside of Boston.

MODERN REPAIR DEPT.

E. M. BOLLES
THE SHOEMAN

CARS

Leave AGGIE COLLEGE for HOLYOKE at 15 min. past the hour.

CARS

Leave AMHERST for AGGIE COLLEGE at 7 and 37 min. past the hour.

Special Cars at Reasonable Rates

AMHERST & SUNDERLAND ST. RY. CO

THE TERRY PARLOR
Cleaning Pressing Repairing
Quickest service, Best Work, Lowest Price
All work carefully done. Work called for and delivered. Gents' overcoats, suits, pants and coats. Ladies' fine linen suits a specialty.
Teams will call every day at M. A. C.
WM. FRANKLIN, Prop.
Rear Nash Blk, Amherst. Tel. No. 321-4

Amherst CO-OP LAUNDRY
High-Grade College Work

Shirts,	10-15c
Collars,	2 1-2c
Cuffs,	2 1-2c
Plain wash,	48c per doz.
Same, rough dry,	30c per doz.

DRY CLEANING AND PRESSING
Steam Pressing 40c, 3 Suits for $1.00
Dry Cleaning and Pressing, $1.50 a Suit

All bills payable at Co-op. Store and parcels left there will receive prompt attention.

GRAYSON '17, Agent
HIGGINBOTHAM '17, Asst. Agent

THE MASSACHUSETTS COLLEGIAN

MASSACHUSETTS AGRICULTURAL COLLEGE

Vol. XXVII. Amherst, Mass., Tuesday, January 16, 1917. No. 14

HOCKEY SEPTET TO MEET SPRINGFIELD TOMORROW

Game to be Played on New Rink. Probable Lineup. To Play Dartmouth Saturday.

Springfield Y. M. C. A. college will meet M. A. C. tomorrow, Wednesday afternoon, at 3:15 in the first hockey game of the season for both teams. The contest will be played, in all probability, on the new rink on Alumni field, which has been worked over steadily during the past week in an effort to get it in good shape.

As to the prospects for the game, little can be prophesied with any degree of accuracy, because of two reasons,—comparative lack of practice and the necessity for using much material heretofore untried in varsity contests. Of the strong septet which represented M. A. C. last year all but two were lost by graduation, Captain Buttrick '17 at the goal, and L. W. Ross '17 at point or cover point. With men of their ability as a nucleus, however, the defensive element will be well cared for, with the assistance of D. Ross '19, who works with his brother at point or cover point.

On the offensive, Richardson '18 and Seavey '19 have been tried out in the wing positions with Stiles '17 and Chisholm '19 at rover and center. This seems to be the probable lineup for tomorrow's game. Harwood, Hunnewell and Thorpe '18 have been substitnting in the wing, and R. P. Holmes '18 on the defense, and these men may yet get into action. Harding and Mansell '19, leaders in freshman hockey last year, are ineligible, as is Dowd These men have been practicing with the squad daily. A long practice session was held on the Alumni field rink Saturday morning, and a two-hour scrimmage was held yesterday afternoon, with encouraging development showing.

Springfield has as yet played no one, and their practice has been limited more or less. Jenkins, the fast right wing of last year's team, now captains the visiting team, and a lively contest is certain.

The team will leave for Hanover Friday noon, to meet Dartmouth there the next day. The showing of the Green thus far has proved them one of the strongest teams in New England. In their first trip of the

[Continued on page 8]

EXCELLENT LIST OF ALUMNI SPEAKERS FOR FEBRUARY 9

Hazen '10, Goldthwaite '85, and Tupper '05, Among Those Mentioned. Students and Faculty Urged to Attend.

Mr. Myron S. Hazen '10, president of the Coe-Mortimer Fertilizer Company of New York will be one of the speakers at the Alumni Supper at Draper Hall the evening of Feb. 9th. Mr Hazen, while making his way to the Presidency of one of the largest fertilizer concerns in the country during the last six years, has not lost sight of Aggie nor the problems of a college man. He is certain to have a message full of enthusiasm, encouragement and will undoubtedly bring some live questions for M. A. C. men to think about.

Dr. Joel E. Goldthwaite '85 and Bertram Tupper '05, County Agent for Plymouth County will also have something worth consideration of the undergraduates. Other speakers will be announced later.

All members of the faculty are invited to attend the gathering which promises to be the one big College Night of the year. All students not eating at the Dining Hall are urged to take in this Alumni Supper even though they happen to be boarding elsewhere. There will be entertainment by the orchestra and quartet, as well as mass singing. A good live evenings entertainment is being provided for. Remember the date, Friday evening, at 5:30 at the "Draper."

PLAN TO GET PERMANENT RESIDENT SECRETARY

Through the influence and backing of a number of prominent alumni, M. A. C. will soon have a permanent resident secretary for the student Young Men's Christian association. Dr. Joel E. Goldthwaite '85, of Boston presented the plan before the student body in chapel Friday morning.

Among the prominent alumni who are backing this new proposition are President Daniel Willard ex-'82, of the Baltimore and Ohio railroad, C. F. W. Felt '86, chief engineer of the Santa Fe system, Newton Shultis '96 of the Boston chamber of commerce, John E. Wilder '82, of Chicago, Ill., William D. Russell '71, of New York city, Dr. Joel E. Goldthwaite '85, of Boston and Atherton Clark '78, of Boston.

BASKETBALL SEASON TO OPEN SATURDAY WITH C. A. C. GAME

First Intercollegiate Game Since 1909 Comparative Record and Lineup of Teams.

In a game which promises to be replete with good playing on both sides, M. A. C. starts the first intercollegiate basketball game since 1909, with Conn. Aggie at the Drill hall, Saturday, Jan. 20, at 3 P. M. The squad has been practicing hard for the past month, and Coach Gore has rounded out a well balanced team, which only needs a little experience to weld it into a powerful quintet.

The team will be handicapped somewhat in Saturday's contest by the fact that this will be the first game of the season. C. A. C., on the other hand, has already played three hard games with strong colleges, and besides has a veteran team. However, M. A. C., because of its versatile, consistent playing, is sure to put up a strong game with every prospect of success.

A brief review of C. A. C. games thus far is interesting. Wentworth Institute was beaten by the quintet from Storrs 56–13; later, Wesleyan, undefeated this year, after a hard fought contest on her own floor, was able to win by 38–21; while recently N. H. State, with the best team in the history of that college, was able to defeat the Connecticut players 32–23. From the above it can easily be seen that Saturday's game promises to be hard fought throughout.

M. A. C. will probably start the game with Captain Grayson at center; Pond or F. Grayson as right forward; McCarthy or Squires left forward; right guard, Parkhurst or Pond, and left guard Sedgwick.

The students will have a chance to see the team in action on Wednesday evening, 8 P. M., when team A will play team B. Robert Westman, cheer-leader, will conduct the cheering.

The probable line-up of the two teams on Saturday is as follows:

M. A. C.		C. A. C.
Pond or F. Grayson, rf		rf, Barlow
McCarthy or Squires, lf		lf, Dickinson
F. Grayson (capt.), c		c, Norton (capt.)
Parkhurst, Pond, rg		rg, Tonry
Sedgwick, lg		lg, Traurig

To facilitate approach to the new microbiology building, the grounds department has constructed a stairway leading from the lower road.

F. K. BAKER AWARDED PRIZE FOR NON-ATHLETIC SEAL

Design Symbolical of N. A. A. Activities. Emil Guba '19 Mentioned as Second.

The Non-Athletic Board has made its award for the best design, representing the various branches of non-athletic work, the competition for which has been going on for the past six months. Foster K. Baker '18 of Fairhaven was awarded ten dollars for his design, which the board placed first; second choice being given to Emil Guba '19 of New Bedford who received five dollars for his design, from which several features were taken which will be incorporated in the official design itself.

The seal is indeed neat and attractive. The upper section is represented by scroll, book, musical pipes, etc., each of which is symbolic of various non-athletic activities such as literary work, debating, musical clubs and dramatics. In the center is the letter "M" which will be in gold The words "Non-Athletics" "M. A. C." will appear on the lower portion

All medals awarded by the Non-Athletics Board in the future will bear this new design, which should be an added incentive for all men to engage in the various branches of non-athletics at the college.

NEW CAR SCHEDULE

Several Changes Made in Running Time of Holyoke and Sunderland Cars

Due to a recent ruling of the Holyoke Street Railway Company the schedule of cars for Amherst has been changed considerably. Cars now leave Amherst for Holyoke on the half hour until 11:30 P. M. Cars leave Holyoke for Amherst at 28 minutes past the hour, running hourly until 11-28 P. M. The 11-28 car from Holyoke waits for the 11-15 train from Springfield. Printed below is the schedule of cars from the crosswalk to Amherst center.

Amherst for M. A. C. and North Amherst—6-05, 6-25, 7-00, 7-30, 8-00, 8-15, 9-15, 9-30, 10-15, 10-30, 11-15, 11-30, 12-30, 12-45, and at half past and quarter past the hour until 10-30, then at 11-00 and 12-30 A. M.

Crosswalks for Amherst at about 6-23, 6-48, 7-23, 7-53, 8-08, 8-38, 9-18 9-38, 10-23, 10-38, 11-23, 11-37, 12-23, 1-08, and at 8 minutes past and 23 past until 10-08, then at 10-53 and 11-23 P. M.

SOPHOMORES WIN FROM SENIORS IN FAST GAME

Puts Second Year Men at Top of Interclass Basketball Standing. Juniors Lose to Freshmen.

The sophomores continued their winning ways in the M. A. C. interclass basketball series, by defeating the seniors 19 to 8 last Friday night. The victory gives them a clean slate of two victories and no defeats. The seniors and freshmen are at a tie with one victory and one defeat to their credit, while the juniors are in last place, with no victories and two defeats.

The sophomore-senior game was fast and both teams were aggressive throughout the contest. The sophomores exhibited the most of their "fight" in the second half, also scoring the majority of their points in the latter session. The inability to make fouls count proved to be a big handicap to the seniors, as only four out of 20 chances were caged by Mack, while Vickers lost only seven with the same number of chances.

SOPHOMORES.	SENIORS.
Vickers, lf	rb, Higginbotham
Peterson, Batchelder, rf	lb, Day, Goldstein
Blanchard, c	c, Mack
Williams, lb	rf, Kelsey
Whittle, rb	lf, Rostrom

Score — Sophomores 19, seniors 8. Baskets from floor—Vickers, Batchelder, Whittle, Kelsey, Mack. Fouls—Mack 4, Vickers 13. Fouls missed—Mack 16, Kelsey, Vickers 7. Referee—Swafield. Time—20-minute halves.

The junior-freshmen game was a much tamer affair as there was little real basketball exhibited by either team. The score stood 6 to 3 in favor of the juniors at the close of the first half, but effective playing by Ball and Armstrong pulled the younger team from behind in the last half. The contest furnished much excitment during the final minutes of play, however, when, with only a short time to play the score stood at a tie and baskets by both teams caused much enthusiasm among the cheering sections along the side lines. The game ended with the freshmen in the lead by a score of 13 to 10.

FRESHMEN.	JUNIORS.
Ball, lf	rb, Gray
Graves, rf	lb, Babbit, Kennedy
Armstrong, c	c, Cotton, Chambers
Littlefield, lb	rf, Gillette
Berman, rb	lf, Minor, Francis

Score — Freshmen 13, juniors 10. Baskets from floor—Ball 2, Armstrong 2, Graves Gillette 2, Cotton. Fouls—Ball 3, Gillette 4. Fouls missed—Ball 5, Armstrong 5, Minor, Gillette 3. Referee—Swafield. Time—20-minute halves.

BECOMES EXTENSION AGENT

R. W. Henninger '17 of Williamsport, Pa. has been appointed Extension Agent in charge of the Poultry Club Work of Massachusetts. Henninger has been very prominent in the poultry work of the college; he was a member of the poultry judging team and was secretary of the market poultry show last year.

JUNIOR PROM PRELIMS TO GO ON SALE WEDNESDAY

Promenade to Come February 23. Committee Desirous of Early Sale of Tickets.

Preliminary tickets for the Junior promenade will go on sale Wednesday, Jan. 17, in room 6 North College. The price of the prelims will be one dollar. All men who intend to go to the prom should buy these early so that they may make out a satisfactory dance order. The price of prom tickets will be as usual ten dollars, or nine dollars with a prom prelim order.

The prom committee is very desirous to get at least sixty men to signify their intentions of attending the promenade this year. Due to the increased price of decorations, music, programs, etc. the expenses will run unusually high. Sixty paid couples will mean that the class just breaks even, less than sixty, that the class goes in debt. Last year there were only forty-two paid couples at the prom. Less than fifteen juniors attended their own promenade. This is a very poor showing, to say the least, and it is hoped that this year all classes will make a much better attendance.

The decorations for the prom will probably be in the form of a formal garden scene. The promenade will come in the evening of Feb. 23. Music will be furnished by Wittstein's orchestra of New Haven. In the afternoon there will be a hockey game between M. A. C. and Williams on the college rink. Saturday afternoon there will be a cabaret dance in the Drill Hall and in the evening the Roisier Doisters will present the comedy "The Arrival of Kitty."

If there are any men who are contemplating going to the prom but have difficulty in getting a room or arranging for board, the prom committee sincerely hopes that they will report all such trouble at once, The prom is open to any one who wishes to attend, regular students, specials or short course men. It is hoped that all classes will be well represented.

PROFESSOR NEHRLING HAS SEVERAL OUTSIDE DATES

Professor Nehrling, head of the department of floriculture, in addition to his class work, is much in demand as an outside speaker. On the evening of Jan. 25, he is to address the Worcester Horticultural society on the subject "Practical Management of the Home Flower Garden." Feb. 3, he will give an illustrated lecture in Boston before the Mass. Horticultural society, using as his topic "Perennials We Should Grow." Many of the slides he will use in the illustrating will be of material in the departmental garden so that the affair will favor strongly of M. A. C. March 5 and 6 he will spend at the University of Maine, in a series of talks on "The Development of the Floricultural Industry in America."

Specialists in

Students' Needs

FOR generations we have served the college men and students of all New England and we know their requirements.

Our stocks of Student Clothing, Haberdashery, Shoes, Athletic and Sporting Goods, Jewelry, Rugs, Desks and Books are complete and moderately priced.

Sole Agents in Boston for the justly famous

Society Brand Clothes

Free delivery to Amherst of any purchase—large or small.

JORDAN MARSH COMPANY
Boston

Dr. L. O. Whitman
21 Pleasant St., Amherst, Mass.
Office Hours: 1-3, 7-8 p. m. Sunday and other hours by appointment.

Eyes Examined Glasses Furnished
OSCAR L. McCULLOCH
54 Suffolk St. Holyoke, Mass.

Croysdale Inn
SOUTH HADLEY, MASS.
Good Beds and Good Things to Eat.
Telephone 2628-W, Holyoke.

FLEMING'S SHOE STORE
Northampton

Cox Sons & Vining
72 Madison Ave., New York

Caps Gowns Hoods for all Degrees
ROBES FOR JUDICIARY, CLERGY AND CHOIR

FLOWERS AND PLANTS
Grown by the Floricultural Dept.
We offer our surplus stock of cut flowers and plants at reasonable rates to students and faculty. This stock is grown in modern houses under ideal conditions. Roses, carnations, violets, chrysanthemums and sweet peas in season.
GROWN ON THE CAMPUS
Telephone 300

RAHAR'S INN
Northampton, Massachusetts
EUROPEAN PLAN
The Best Place to Dine
All Kinds of Sea Food
Special luncheon from 11-30 to 2 p. m.
—A la carte service—
6-30 a. m. to 11-30 p. m.
R. J. RAHAR, Prop.

The "Nonotuck"
HOLYOKE'S LEADING HOTEL
Club Breakfasts, 25c to 75c
Business Men's Luncheon, 60c
Sunday Table d'Hote Dinner, $1.25
GORHAM BENEDICT, Mgr.

STUDENT FORUM

Live Discussions on Student Government. Many Good Ideas Brought Forward.

At the Forum, held in the old chapel, Sunday afternoon, there was a serious and thorough discussion of student government as it exists today. There was considerable criticism of the senate, pro and con, there was not the hesitancy about expressing ideas which has been noticeable in previous forum meetings. A new method for electing the senate was suggested; by which each of the nine fraternities would elect one representative to the senate, the Commons club would elect two representatives—that is, each unit of 30 men is represented by a senate member—and one senator for every 30 unorganized students would be elected. This system, it was thought, would bring the senate into closer relation with the men and make it a more truly representative body. When this suggestion was put to a test vote, however, the Forum favored the present form of senate by a vote of 66–12.

After some discussion the following recommendation was made to the senate: that a committee of three be selected from the senate to investigate student government at other state colleges with conditions similar to M. A. C. It was further recommended that the senate put their findings before the entire student body at a forum.

SENATE MINUTES

[Editors' note—At the request of the college Senate the COLLEGIAN will hereafter publish the minutes of all Senate meetings.]

A special meeting of the Senate was held Sunday morning, Jan. 14 Grayson, Chapman and Messenger were absent. The proposal of Professor Hicks and Chairman W. D. Hurd of the Celebration Committee, that Pageant Master Langdon work up and stage a spectacular student performance with Alumni Field as the theme, was considered. Voted to meet with Mr. Langdon to determine how much time it will require of the students.

Voted that Westman draw up rules for the establishment of the Cheer Leader Competition on a firm and standard basis.

Voted that the Infirmary Committee inquire further as to the advisability of an insurance tax, getting advice as to some exact amount and the number of days' treatment it would entitle the student to.

The recommendation of Adelphia that the Freshmen be allowed to wear hats and caps other than the prescribed Freshman hat on street cars when leaving town, and on Sunday, was read and rejected.

'08.—Roland H. Verbeck is attending the Graduate School of Education of Harvard. Verbeck spent his summer vacation at Plattsburg.

TUFTS-M. A. C. CONCERT TO BE A RECORD-BREAKER

Much enthusiasm is being shown on the campus over the joint concert of the musical clubs of Tufts and the Massachusetts Agricultural colleges which is to be held at the Academy of Music, Northampton, Jan. 25.

Although other college organizations, such as Dartmouth, Harvard, Tech and Williams, have visited Northampton, this is the first time in its history of 31 years that a Tufts college musical organization has visited the western part of Massachusetts.

It is with an entirely different spirit that the rival organizations meet. On the athletic field there is the keenest competition, but here we find instead the mutual feeling of co-operation to help make the affair a musical triumph.

Tufts college has always been famous for its musical clubs, and the Boston *Herald* is entirely fair when it recently published that "Tufts has one of the best college musical clubs in New England." Their reputation has been built on mainly a specialization in humorous numbers. This year's program is no exception.

The Tufts' clubs have recently returned from a very successful trip in New Hampshire, Maine and Vermont. Everywhere they met with the entire appreciation of all audiences. The Claremont, N. H., *Daily Eagle* says, "The concert at the Town Hall was a decided success in every way." The Burlington, Vt., *Free Press and Times* says, "It was more than a concert, it was an all around entertainment."

At Northampton the Tufts musical program will consist of six glee numbers and two reading selections. The M. A. C. clubs will present three glee club numbers, two mandolin club selections, and also specialties by the quartet, Hawaiian sextet and a solo by Harlan N. Worthley, the leader of the glee club. Taken all in all this joint affair promises to be one of the bright spots in the history of the M. A. C. musical clubs, as well as in the musical program of Northampton for the season of 1916–1917.

"THE VILLAGE DOCTOR"

John Thomas Concert Company to Give Sketch Saturday Evening In Auditorium.

The John Thomas Concert Company will present the sketch "The Village Doctor" Saturday, at 7-00 p. m., in the Auditorium, under the auspices of the Social Union Committee. John Thomas is a well-known comedian and was very well received when he was here in 1915. To those who have social union tickets admission will be free. The price of tickets for the public will be fifty cents.

'09.—Elmer F. Hathaway is in the wholesale bakery business with his father in Boston.

Semi-Annual Clearance Sale

$3 and $4 Derbys and Soft Hats, ... **Now $2 and $2.50**
Aquascutum Overcoats, Regular Price $28 to $35, **Sale Price $20 to $25**

PATRICK MACKINAWS
Regular Price $ o and $12, . . . **Now $7.50 and $8**
Sheep Lined Coats, Regular Price $18 to $21, **Sale Price $13.50 to $15.50**

—At—

CAMPION'S COLLEGE STORE
For 10 Days Only

—Come to us for—
Fireplace Goods, Coat and Trouser Hangers
Ever Ready Flash Lights and Paint
Clothes and Shoe Brushes
Anything in Hardware and Cooking Utensils
Always glad to see you.

THE MUTUAL PLUMBING & HEATING CO.

BURPEE REGISTERED VAB TRADE MARK The Seal of Quality

Burpee's Seeds Grow
FOR forty years we have rendered faithful service. For forty years we have tried to make each year's service more nearly ideal. This untiring effort has built for us not only The World's Largest Mail Order Seed Business, but also a World Wide reputation for Efficiency and undisputed leadership. The Fortieth Anniversary Edition of **Burpee's Annual, the "Leading American Seed Catalog"** is brighter and better than ever. It is mailed free. A postcard will bring it.
W. ATLEE BURPEE & CO., Seed Growers,
Burpee Buildings Philadelphia

Page's Shoe Store
Largest Stock—Lowest Prices
Expert Repairing—Best leather used

JACKSON & CUTLER
—DEALERS IN—
Dry and Fancy Goods and Choice Family Groceries

THE MASSACHUSETTS COLLEGIAN

Published every Tuesday evening by the Students of the Massachusetts Agricultural College.

BOARD OF EDITORS.

RICHARD W. SMITH '17. Editor-in-Chief
MARSHALL O. LANPHEAR '18. M'ging Editor
MILFORD R. LAWRENCE '17. Assistant Editor
WILLIAM SAVILLE, JR. '17. Alumni Editor

ASSOCIATE EDITORS.

JOHN T. DIZER '17
JOSEPH F. WHITNEY '17
FRANK J. MINKS '18
NATHAN W. GILLETTE '18
ELIOT M. BUFFUM '19
MYRTON F. EVANS '19

BUSINESS DEPARTMENT.

MERRILL P. WARNER '17. Business Manager
JAMES C. POWELL '18.
Assistant Business Manager
BIRGER R. ROSEQUIST '18.
Advertising Manager

Subscription $2.00 per year. Single copies, 8 cents. Make all orders payable to **Merrill P. Warner.**

In case of change of address, subscribers will please notify the business manager as soon as possible.

Entered as second-class matter at the Amherst Post Office.

Vol. XXVII. Tuesday, Jan. 16. No. 14

ASK any "loyal Aggie man" and he will tell you that this is the most democratic college this side of Utopia, a veritable hotbed of democracy. Some of us now are beginning to speak of the traditional Aggie democracy, unconsciously inferring that it exists only in the dim recesses of the past. Perhaps that is a rather morbid view to take, but can a man be blamed for thinking thoughts like these when he sees so much convincing evidence? Take as an example the interfraternity relay schedule. Does that look democratic? Apparently the non-fraternity men are not good enough to run against the Greeks, or can it be that they are too good, and consequently in danger of winning a cup? It is only a small matter, this confining the contest for the cup to a strictly fraternity participation, and in doing so the fraternities were perfectly within their rights. From the standpoint of a fraternity man, however, we cannot but express our disgust at the pitiful smallness of mind which is here exhibited. If the men who set themselves up to be above the common herd have not sufficient breadth of vision to see the folly of this form of exclusiveness, then "traditional" is the best adjective to describe democracy.

WE do not believe there is a man in college so contented with himself and the world that he would not welcome the advent here of a real live Christian Association such as Dr. Goldthwaite proposed Friday. Without getting down to personalities we can honestly say that that type of organization does not exist here now and has not for some time, principally because of the fact that there was no one outside the undergraduate body who was able to give his whole time to the direction of its work. Through the generosity and interest of certain alumni, this present lack will be supplied. What the alumni ask in return is no more than fair and reasonable, namely, that the students enter into full co operation with the new secretary when he comes, and help him to build up a worth while work here on this campus. This means something more than just "moral support," in fact the Y. M. C. A. is already suffering from too much of that misnomer, which manifests itself so easily in hymn-singing but lacks the punch when it comes to leading boys' clubs or doing deputation work. Moral support is a pretty wobbly foundation for any organization, most of all a Y.M.C.A. What the new secretary will need when he comes is a body of men willing to give more than they can ever expect to get, men with personality and leadership, who will make some sacrifices for the good of the work. With real backing from such as these, Aggie can show her alumni that she is awake to her opportunities and responsibilities, and cooperates with them in working for the best type of manhood she can turn out.

WHEN a hundred Aggie men discuss a subject for two hours and a half, speaking frankly and handling delicate matters without gloves, that in itself is an accomplishment worthy of some comment. Sunday's forum was the first real discussion that has taken place outside of small groups this year. It brought out some ideas and facts that were pretty generally unknown and still more which were well known but had never before found public expression. This, in our mind, was the big object, and whether the new proposals won or lost was of comparatively little consequence. Since it is the opinion of the majority that no change in the system of student government is desirable at this time, we shall ally ourselves with those who purpose to make of the present system a more efficient means of directing student opinion. Their idea is first of all to inquire how large a measure of self-government is enjoyed by other colleges having similar problems to face, with a view to increasing the powers of the senate on the basis of facts, not fancies. They clearly demonstrated that without more power, this governing body, no matter how chosen, can govern only in name. It has been further proposed to the senate that a modified form of the initiative and referendum be adopted by them to bring about a closer relationship between the student body and their chosen representatives. Both the foregoing ideas should find ready response on the part of the senate, and if adopted will do much toward clearing away the fog in which it is now shrouded. Things are apparently moving. Meanwhile we are content to watch for results.

CAMPUS CALENDAR

[Notices for this column should be dropped in at the COLLEGIAN office or handed to Nathan W. Gillette '18 on or before the Monday preceding each issue.]

WEDNESDAY, JAN. 17

2-10 P. M.—Assembly, Dr. W. D. Weatherford, Nashville, Tenn.
3-15 P. M.—Hockey game Varsity vs. Springfield.
4-30 P. M.—Basketball. Freshman vs. Hopkins Academy in Drill Hall.
5-00 P. M.—Relay Races. Interfraternity.
6-45 P. M.—Mandolin Club Rehearsal, Social Union.
7-00 P. M.—Microbiology Club in Microbiology Laboratory.
7-00 P. M.— Stockbridge Club. Mr. Harwood '75.
7-30 P. M.— Agricultural Economics Club meeting.
8-00 P. M.—Basketball. Varsity Team A vs. Team B.

FRIDAY, JAN. 19

5-00 P. M.—Interfraternity Relay Races.
7-00 P. M.—Interclass Basketball, Drill Hall. 1917 vs. 1918, 1919 vs. 1920.

SATURDAY, JAN. 20

Varsity Hockey, M. A. C. vs. Dartmouth at Hanover.
2-30 P. M.— Freshman Hockey 1920 vs. Drury High.
3-00 P. M.—Basketball, Varsity vs. Connecticut Aggie in Drill Hall.
7-00 P. M.— Freshman basketball. 1920 vs. Deerfield Academy in Drill Hall.
7-00 P. M.—John Thomas Concert Company at Stockbridge Hall.

SUNDAY, JAN. 21

9-10 A. M.—Chapel. Sidney A. Goldstein of Free Synagogue, New York City.
6-00 P. M.—Y. M. C. A Meeting, Social Union.

TELLS OF PLANS FOR ANNIVERSARY PAGEANT

At Wednesday Assembly, Jan. 10, William Chauncy Langdon, who is to write and direct the pageant for the fiftieth anniversary of the college, told of his work and plans for the production. In nature the pageant will probably be a drama consisting of the following episodes: The Puritan period with its ceaseless struggle with the Indians, disease, and the rigors of New England climate; the Homespun period with its homesteaders raising all their food and clothing on their little farms; 1862, the age of agricultural awakening, the foundation of agricultural colleges like M. A. C., the beginning of scientific research in agriculture and the extension service; consecration to the future of our college, state and nation. The most important of these periods is that which witnessed the foundation of Old Aggie under the Morril Act passed during the trying hours of the Civil War by the action of President Lincoln himself. Under the able direction of Mr. Langdon who has successfully staged similar dramas for many occasions, the pageant will undoubtedly be the feature of the celebration.

E. B. DICKINSON, D.D.S.

DENTAL ROOMS

Williams Block, Amherst, Mass.

Office Hours 9 to 12 a. m., 1-30 to 5 p. m.

THE BIG FOUR

Black and White Cigars, 5c
Black and White Little Cigars, 15c
Black and White Tweenies, 10c
Black and White Cigarettes, 10c

If you have not tried them you have missed something.

HENRY ADAMS & CO.

The REXALL Store

DE LAVAL
Separators
Save in Seven Ways

QUANTITY of cream that no other separator will recover completely.

QUALITY of cream as evidenced by the Laval butter always scoring highest in every important contest.

LABOR in every way over any gravity system or other separator, by turning easier, being easier to clean and requiring no adjustment.

TIME over any gravity system or other separator, by reason of greater capacity and the same reasons that save labor.

COST in that the De Laval will last from ten to twenty years, while other separators wear out and require to be replaced in from one to five years

PROFIT in more and better cream, with less labor and effort every time milk is put through the machine.

SATISFACTION which can only come from knowing you have the best separator, and are at all times accomplishing the best possible results.

THE DE LAVAL SEPARATOR COMPANY

165 BROADWAY, NEW YORK — 29 E. MADISON ST., CHICAGO

IT TAKES 400,000 cars to carry American Fertilizers to Farmers and Planters every season. Forty per cent. of this is useless Filler: quiring 160,000 cars! Insist on having less Filler and all high grades with Available Nitrogen, namely:

Nitrate of Soda

and thus cut freight bills.

Crop production from such Fertilizers means greater outbound tonnage for roads and bigger purchasing power for Farmers. Railroads and everybody would benefit.

Larger food crops thus grown would give increased prosperity to all. It is up to you, Mr. Farmer.

Send for "Cost of Available Nitrogen"

DR. WM. S. MYERS
Director, Chilean Nitrate Propaganda
25 Madison Avenue New York
NO BRANCH OFFICES

SPEAKERS FOR THE WEEK

Sunday Chapel.

Dr. Sydney S. Goldstein of the Free Synagogue of New York City will address the students at Sunday Chapel, Jan. 21. Dr. Goldstein has been prominent in the Jewish religious workers of New York state. He has been under the famous Jewish leader, Rabbi Stephen Wise, as an assistant to that able social and religious worker. He should have an interesting and unique message to Aggie men.

Wednesday Assembly

Mr. Joe Mitchell Chapple of Boston, editor of *The National Magazine* will address Wednesday Assembly, Jan. 24. Mr. Chapple was born in Iowa in 1867. He received the degree of A. M. from Grinnell college, Iowa in 1904, and in 1915 the degree of L. L. D. from Lincoln Memorial University. His chief interest has always been along literary lines. Indeed, he began newspaper work at the age of sixteen by editing a paper at Grand Rapids. Later he became the editor and proprietor of the Ashland *Daily Press* which he still owns. He continued his newspaper work in Chicago until 1897, at which time he took charge of the *Bostonian* and changed the name of this periodical to *The National Magazine*. Mr. Chapple did not confine his attention solely to newspaper and periodical writings for he has written numerous books, among which are "Heart Throbs," "The Panama Canal," and "My Wanderings."

FRESHMEN DEFEAT AMHERST

The Freshman Hockey team came through with a win in its initial game of the season which was played with Amherst High, on the pond last Wednesday. The teams were at dead-lock at the end of the first half, both sides having scored one goal. However, during the second frame, the clever stick work of Ball netted the 1920 team two goals giving them also a safe lead, which they kept throughout the remainder of the contest. Line-up and score:

FRESHMEN.		AMHERST HIGH.
Doucette, g		g, Cooley
Redding, Douglas, c		c, p, Bush, Hasbrouck
Mallon, p		p, Sanctuary
Crafts, r		r, Dickinson
Ball, c		c, Diteal
Johnson, r w		l w, Toole
Redding, l w		r w, Hollis.

Score—Freshman 3, Amherst 2. Goals—first half, Dickinson (A) 5 min.; Crafts (M), 10 min.; second half, Dickinson (A) 1 min.; Ball (M), 12 min. Referee—Butterick '17. Time—15 min. halves.

BOTANY CLUB TO MEET

The regular meeting of the Tuckerman Botanical club will be held at 5 P. M. Thursday, Jan. 18, in Clark hall. Miss Almer Stokey of Mt. Holyoke college will speak on "The Work of Stephen Hales." All those interested are cordially invited to attend.

GREATER BOSTON BANQUET

Two hundred alumni and 150 undergradnates at the big get-together on March 30; this the plan of the Massachusetts Alumni Club and the Greater Boston Undergraduate Club.

Dr. Joel E. Goldthwaite '85, ex-president of the Alumni Club, expressed his hearty approval of the new plan of a co-operative Aggie gathering, while he was at the college last week.

"It is sure to be the biggest event of the year. We greatly appreciate the action of the Alumni Club Directors, which has brought about this opportunity for 'boosting Old Aggie,'" say the officers of the Undergraduate Club.

Details and arrangements have not been announced as yet, but it is sure that the combined musical clubs will be present.

The following committee has been elected to aid in planning for the banquet: Westman '17, Chapman '18, Worthley '18, S. S. Smith '18, Baxter '19, Fuxon '19, Bunker '20.

ALUMNUS TO ADDRESS THE STOCKBRIDGE CLUB

Peter M. Harwood, M. A. C. '75, will address the Stockbridge Club Wednesday evening at 7:00 in Room 114 Stockbridge. His talk will be illustrated throughout by lantern slides.

Since graduation from college Mr. Harwood has been extremely interested in the dairy business. He has been more or less of a practical farmer running about 100 heads of registered stock. For a time he was Professor of agriculture at Michigan and for the last eighteen years has been dairy agent for the state board of agriculture. He is to talk on his observations, both in the dairy business and in general agriculture, as they have appeared to him abroad and at home. The lecture will be over in time for the basketball game scheduled at 8-00 P. M.

1916 NOTES

Preparation of agricultural copy is among the duties of T. Carlton Upham on the Fitchburg *Daily News*, the reporting staff of which he recently joined. He will also conduct an editorial department. Mr. Upham went to the *News* from the Shawm *Press* of Sandwich, a Cape Cod syndicate publishing the Sandwich *Independent* and seven other local papers.

SCORE SUCCESS IN HOLYOKE

The combined Aggie musical clubs gave a very successful concert in Holyoke city hall Friday evening, Jan. 12. Every number on the program was encored. Especially pleasing was the solo work of Harlan N. Worthley, leader of the glee club. The attendance was gratifying, as over 1000 tickets were sold. The program closed with the customary "Sons of Old Massachusetts" by the entire clubs. Dancing followed the regular program.

FRATERNITY PLEDGES

Only nine men were pledged to fraternities at the second pledge day Monday morning, all but two being from the freshman class. They will be eligible to initiation with the men pledged last October. The men were pledged as follows:

Q. T. V.
Carroll W. Bunker '20, Somerville
Robert L. Jones '20, North Easton
Willard K. French '19, Worcester
Dean W. Sanborn '18, Nantucket

ALPHA SIGMA PHI
Guy MacLeod '20, Lowell

BETA KAPPA PHI
Irving E. Gray '20, Wood's Hole

LAMBDA CHI ALPHA
Harry L. Dixon '20, Harrisville
Theodore B. Hill '20,
Jefferson Valley, N. Y.
Henry E. Lyons '20, Rockland

WEDNESDAY, JAN. 17
LIONEL BARRYMORE in "THE QUITTER."
THURSDAY, JAN. 18
THOMAS MEIGHAN and ANITA KING in "THE HEIR TO THE HOORAH."
FRIDAY, JAN. 19
THEDA BARA in "HER DOUBLE LIFE."
SATURDAY, JAN. 20
LEW FIELDS in "THE MAN WHO STOOD STILL."
MONDAY, JAN. 22
CLARA KIMBALL YOUNG in "THE FOOLISH VIRGIN."
TUESDAY, JAN. 23
SESSUE HAYAKAWA in "SOUL OF KURI SAN."

PLAZA NORTHAMPTON

HOW IS THE SOLE WITH YOU?

Get your shoes tapped at

GINSBURG'S, Amity St.

Work neatly done Satisfaction guaranteed

I. M. LABROVITZ

The Leading Tailor and Gents' Furnishings

Full Dress Suits to Rent
Caps and Gowns for Sale or Rent
Also Ladies' Tailoring
Our Work is Guaranteed

We do Dyeing, Cleaning, Repairing and Pressing
PHONE 392-W

11 AMITY STREET, AMHERST, MASS.

The wise ones read our advertisements. It pays.

Every young man in this country today is ambitious—or he's a "dead one."

Our specialty is

Clothes for Young Men

that have pep.

MERRITT CLARK & CO., 134 Main Street, Northampton.

WHO SAID A MIDNIGHT LUNCH?

Make it on one of our small

Electric Grill Stoves

Easy to care for and no danger of fire

Also a good line of

STUDENT LAMPS AND APPLIANCES

RUMERY & FAY, Electricians

THE
United States Hotel
Beach, Lincoln and Kingston Sts.
BOSTON, MASS.

Only two blocks from South Terminal Station, and easily reached from North Station by Elevated Railway, and convenient alike to the great retail shops and business centre, also to the theatres and places of interest.

European Plan $1.00 per Day and Upwards

Table and service unsurpassed.
Booklet and map sent upon application

TILLY HAYNES, Proprietor — JAMES C. HICKEY, Manager

WEBSTER'S STUDIO

Everything in Photography

GROUPS A SPECIALTY

Good work speaks for itself.

NASH BLOCK, AMHERST, MASS.

AMHERST BOOK STORE

Note Books — Fountain Pens

Agents for Rex Typewriter

F. M. CURRAN — C. F. DYER

MARSH'S SANITARY

Students' Furniture

RUGS AND CARPETS

— E. D. MARSH ESTATE —

ESTABLISHED 1892

STEPHEN LANE FOLGER, Inc.
MANUFACTURING JEWELERS
180 BROADWAY, NEW YORK

CLUB AND COLLEGE PINS AND RINGS

GOLD, SILVER AND BRONZE MEDALS

— JOIN THE BUNCH AT —
EPSTEIN'S TAILORING PARLORS

Now located over post office. Up one flight

Pressing and Cleaning a Specialty

Liberal Ticket System Tel. 36-M

College Stationery

With Class Numerals.

Magazines, Newspapers and Fountain Pens

A. J. HASTINGS

Newsdealer and Stationer

Gallup at Holyoke

293-297 High St

— SELLS —

Hart Schaffner & Marx Clothes

Come down to Holyoke and see our big store.

S. S. HYDE
JEWELER & OPTICIAN
43 Pleasant St.
Oculists' Prescriptions Filled. Broken Lenses Accurately Replaced. Fine Watch Repairing Promptly and Skilfully Done.
Satisfaction Guaranteed

PLYMOUTH INN
Northampton
Quiet and Comfortable—Every facility for
BANQUETS PARTY DINNERS
American and European Plans

"BIDE-A-WEE"
Creamed Chicken and Waffles
Our Specialty—And other good things to eat.
MRS. L. M. STEBBINS,
Middle Street, Hadley, Mass.
Tel. 415-W

The Highland Hotel
Corner of Hillman and Barows Streets, three blocks from the Union Depot, is a modern hostelry run on the European Plan. It is just a step from Main Street, away from the noise and dust and yet in the center of the business district.
Its rooms are well furnished and comfortable, having a telephone and hot and cold running water in every room. Prices $1 and up; rooms with bath (single) $1.50 and up.
Its excellent cuisine and well ventilated dining room makes a meal a pleasant memory—everything of the highest quality, well cooked and served in the best possible manner.
Stay at the Highland Hotel once and you will anticipate staying there again. Music every evening.
D. H. SIEVERS,
Highland Hotel, Springfield, Mass.

WHITE'S MUSIC STORE
HENRY K. WHITE
241 MAIN STREET, NORTHAMPTON
Mandolins, Genuine Hawaiian Ukuleles, Picks, Strings, etc., and music for all instruments and all voices. Instruments may be had on trial.

UNITY CHURCH
NORTH PLEASANT ST.
A Church home of the liberal Faith, where every student will meet with a cordial welcome.
REGULAR SUNDAY SERVICE AT 7 P. M.

Dr. A. H. Daniels, D. O.
OSTEOPATHIC PHYSICIAN
305 LAMBIE BLDG., NORTHAMPTON, MASS.
Telephone

BUY YOUR
Dental Creams, Toilet Soaps, Shaving Powders,
etc., of
A. W. HAMLIN, AMHERST, MASS.
I call at the Dorms and Fraternity Houses.

The Holyoke Valve & Hydrant Co.
Jobbers of Wrought Iron and Brass Pipe, Valves and Fittings for Steam, Water and Gas, Asbestos and Magnesia Boiler and Pipe Coverings, Pipe Cut to Sketch, Mill Supplies. Engineers and Contractors for Steam and Hot Water Heating, Automatic Sprinkler Systems, Boiler and Engine Connections. Holyoke, Mass.

BECKMAN'S
Candies and Ice Cream
"HAMP"

Seniors and Juniors
Now is the time to buy those
FILING CASES
For your Bulletins.
Johnson Book Co.
BABBITT WOODWORTH
Alpha Sigma Phi House.

WITH THE FACULTY

Prof. Frank A. Waugh of the horticultural and landscape gardening departments is the author of an authoritative and well balanced article entitled "Unhyphenated American Fruits" which has appeared in the last two issues of the *Country Gentleman* representing in a more or less summarized form, the history of the development and future prospects of our native small fruits.

Prof. Robert J. Sprague of the department of humanities is the author of a one and two-thirds column letter-article in a recent issue of the Springfield *Republican* entitled "Military Training and Camp Life" in which he discusses, as a by-product of a national defence policy, the physical, intellectual, social, and patriotic advantages derived.

In reply to Dr. Sprague, Professor Waugh yesterday had a one column communication in the *Republican* assuring his readers that the benefits and good results obtained from compulsory training in draw poker would be just as great as those derived from military training.

To bring some western ideas east and take some eastern ones west Professor Nehrling of the floriculture department is attempting to arrange an exchange professorship with the University of Illinois whereby Professor Dorner of that institution will spend a week or longer at M. A. C while Professor Nehrling is taking care of the work at Illinois.

SEED JUDGING TEAM GETS THIRD IN SPRINGFIELD

G. L. Sargent '17 carried off the the honors as the highest individual scorer in the field crops judging contest of the New England Agricultural colleges held at the winter meeting of the State Board of Agriculture Thursday, Jan. 11, in the Auditorium of the Municipal Group at Springfield. Sargent had a score of 95.4, against 92.3 scored by his nearest competitor, R. N. Fitch of New Hampshire State. Both of these men were awarded cups by Sec. W. E. Wheeler of the State Board of Agriculture.

The team representing Aggie, which was made up of G. L. Sargent '17, S. F Tuthill '17, P. W. Latham '17, placed third with a final score of 2665. The aggregation from New Hampshire State secured first place, scoring 2744, Storrs Agricultural college of Connecticut second, scoring 2682, University of Maine fourth with a total of 2658, and the University of Vermont last with a final standing of 2434. Rhode Island State was not represented. Three men made up the team representing each college. The contest included seed identification, seed judging in respect to quality and adulteration, as well as the placing of different classes of corn, potatoes and grains.

New Hampshire State, the winner of the contest, was awarded a beautiful cup, given by the coaches of the different teams, who acted as judges. Prof. Earl Jones of the agronomy department represented the Massachusetts Agricultural college.

Batchelder & Snyder Co.
PACKERS AND POULTRY DRESSERS
WHOLESALE ONLY
Beef, Mutton, Lamb, Veal, Pork, Hams, Bacon, Sausages, Poultry, Game, Butter, Cheese, Eggs, Olive Oils.
Blackstone, North and North Centre Streets.
BOSTON, ... MASS.

F. A. SHEPARD
MEN'S STORE
Shoes Hats Furnishings
Local Agent for
E. V. PRICE CO., LAMM CO., BROWNING, KING & CO., Custom Tailors
OUR DISCOUNT TICKET SAVES YOU 5%

Carpenter & Morehouse,
PRINTERS,
No. 1, Cook Place, Amherst, Mass.

DRAPER LUNCH
Northampton, Mass.
Where all foods of the best quality are served at the minimum price
WM. M. KIMBALL, Proprietor.

LAUDS M. A. C. COURSES ON RURAL SOCIOLOGY

Prof. Sanderson of Chicago Places College as a Leader in New Field of Science

After a careful study of "The Teaching of Rural Sociology" Dwight Sanderson of the University of Chicago declares that, "The Massachusetts Agricultural college, under the inspiration of President Butterfield, remains the only institution which has endeavored to furnish a complete series of courses in rural sociology for those wishing to take it as a major subject."

The article, appearing in the January number of the *American Journal of Sociology*, indicates quite conclusively that Rural Social Science, which President Butterfield defines as "the application of the principles of the social sciences, especially of economics and sociology, to the problems that confront the American farmer," is being recognized as a logical part of an agricultural education.

Sixty-four per cent of the 48 land grant colleges are teaching rural sociology. President Butterfield, in 1904, as president of the Rhode Island college, gave the first course in rural sociology given in any of the land grant colleges. As the colleges of agriculture begin to see that their effort should be devoted to the elevation of country living, these courses are being established. Prior to 1910 hardly a dozen institutions were teaching rural sociology, and fully half of those now offering courses have established them within the last three years.

Since 1908 the Massachusetts Agricultural college has been the leader in the careful, thorough development of courses in this science, so that today it may be looked to by the 99 other institutions in the country, interested enough to teach the subject, as an authority. And, concludes Dwight Sanderson, "the interest in the subject is genuine, for, though originally inspired by a few prophets of the rural awakening, it now engages the keenest interest, not only of all progressive leaders in country life, but of increasing numbers of people on the land."

INTERFRATERNITY TRACK TO COMMENCE WEDNESDAY

The first races scheduled in the new interfraternity track series will be run off Jan. 17, when Q. T. V. will run Phi Sigma Kappa. From that date races will be run Mondays, Wednesdays and Fridays until the schedule is completed. Rules governing the races are as follows:

1. All races will be run in the order scheduled and will be held on Monday, Wednesday and Friday afternoons at five o'clock.

2. Only such men as are approved by Varsity Track Coach Dickinson shall be allowed to compete for the different fraternities. Pledges shall be allowed to compete.

3. Each fraternity must compete on the day scheduled. There will be no postponements except on approval of the Interfraternity Conference Committee and then only when all the scheduled races for a particular day must be postponed.

4. The officials for the relay races will be furnished by the Interfraternity Conference Committee and will act under the supervision of Coach Dickinson.

5. Four men will constitute a team. Each man will run two consecutive laps in a race.

6. The Interfraternity Conference offers a suitable trophy to the fraternity winning the highest percentages of races.

8. Each fraternity shall select a manager for its team who shall act with the Track Committee of the Conference.

The schedule for the interfraternity races is as follows:

	Q. T. V.	ΦΣK	KΣ	ΚΓΦ	ΒΚΦ	ΘX	ΣΦΕ	ΛΧΑ	ΑΣΦ
Q. T. V.		Jan 17 1	Jan 19 3	Jan 24 1	Jan 29 1	Jan 31 1	Feb 2 3	Feb 9 1	Feb 9 2
ΦΣK	Jan 17 1		Feb 7 1	Jan 22 3	Jan 26 2	Jan 19 2	Jan 31 2	Feb 5 1	Feb 14 1
KΣ	Jan 19 3	Feb 7 1		Feb 12 1	Jan 17 2	Jan 24 2	Jan 26 3	Feb 2 1	Feb 5 2
ΚΓΦ	Jan 24 1	Jan 22 3	Feb 12 1		Jan 31 3	Feb 7 2	Jan 17 3	Jan 29 2	Feb 2 2
ΒΚΦ	Jan 29 1	Jan 26 2	Jan 17 2	Jan 31 3		Feb 5 3	Feb 7 3	Feb 12 3	Jan 22 2
ΘX	Jan 31 1	Jan 19 2	Jan 24 2	Feb 7 2	Feb 5 3		Feb 12 2	Jan 22 1	Jan 29 3
ΣΦΕ	Feb 2 3	Jan 31 2	Jan 26 3	Jan 17 3	Feb 7 3	Feb 12 2		Jan 26 1	Jan 24 3
ΛΧΑ	Feb 9 1	Feb 5 1	Feb 2 1	Jan 29 2	Feb 12 3	Jan 22 1	Jan 26 1		Jan 19 1
ΑΣΦ	Feb 9 2	Feb 14 1	Feb 5 2	Feb 2 2	Jan 22 2	Jan 29 3	Jan 24 3	Jan 19 1	

NOTE.—The lower numbers indicate the order in which the races of a particular afternoon shall be held.

SHEEP SKIN COATS AND ULSTERS
at the lowest prices in the state. Incidentally we have the best assortment that you have seen.

Custom Made Reversible Collared Shirts
From $1.25 to $4.00
Some real values.

Freshmen Toques, 60 Cents

SANDERSON & THOMPSON
Hart Schaffner & Marx Clothes

School and College Photographers . . .
White Studio
LOCALLY: 52 Center St., Northampton, Mass., and South Hadley, Mass
MAIN OFFICE: 1546-1548 Broadway, New York City
These Studios offer the best skilled artists and most complete equipment obtainable

DID YOU RAISE 300 BUSHELS OF POTATOES PER ACRE THIS YEAR?
If you did not you are losing part of your profits. Potatoes at almost $2.00 per bushel are the most profitable crop on the farm. Our book,
"Potatoes: A Money Crop"
will insure your full profits. Write to-day for your copy.
Local Agency Manager
THE COE-MORTIMER COMPANY, 51 Chambers St., New York City
Subsidiary of the American Agricultural Chemical Co.
Manufacturers of E. FRANK COE FERTILIZERS
1857 The Business Farmers' Standard for Sixty Years 1917

ALUMNI NOTES.

'05.—Albert D. Taylor has announced his engagement to Miss Genevieve H. Brainerd of Lakewood, Ohio. Miss Brainerd was graduated in 1911 from the College for Women, Western Reserve university. After graduating from Aggie Taylor took a master of arts degree at Cornell university. He is now located in Jacksonville, Fla., where he is following his chosen profession of landscape architecture.

'06.—W. C. Tannatt, Jr. has resigned as town engineer of Easthampton. He has formed a partnership with others to conduct a general engineering business with offices in Boston and Easthampton.

'09.—Charles H. Putnam is again teaching at Lahasnahina school, Lahaina, T. H., after having spent the summer in New England, where he visited many of his classmates.

'09.—The Guernsey herd of F. P. Frasier and Sons, Ipswich, Mass., which is under the management of B. F. Barnes, won many ribbons at the National Dairy Show in Springfield.

'15.—Lieut. Ralph E. McLain left Saturday, Dec. 30, 1916, for Fort Leavenworth, Kans., where he will attend the Army Service school for three months. He has been assigned to the 34th U. S. Infantry by a recent order of the War department. He served with the troops on the Mexican border last summer.

HOCKEY WITH SPRINGFIELD

[Continued from page 1]

season Dartmouth by fast team work defeated Princeton 6 to 3, Wednesday, and then Saturday lost to Harvard in a contest which was said not to have brought out the best hockey of either team. The defensive work of Buttrick and Ross, however, should assure a small score contest.

The game announced as pending with M. I. T. for Tuesday, Jan. 30, in Amherst, has been definitely arranged for that date. The Williamstown game with Williams college, originally scheduled for Saturday, Jan. 27, has been changed, at the request of the Williams management to Friday, Feb. 9, and will be the Prom game for that college, just as their return game in Amherst Feb. 23 will be the M. A. C. Prom game.

Plans have now been completed for the "All New England Brown Dinner," which is to be held Tuesday evening, Jan. 23, at the Copley-Plaza Hotel. The acceptances indicate that 800 men will attend. Among the speakers will be Charles Evans Hughes, who comes to speak as a Brown graduate; President W. H. P. Faunce, who will represent the university; and Judge Arthur L. Brown, class of 1876, of the U. S. District Court. His Excellency Governor Samuel W. McCall is also on the program.

The Massachusetts Agricultural College

Offers courses of instruction in twenty seven teaching departments, which embrace the study of

Agriculture, Horticulture, Science, Humanities and Rural Social Science.

A student may specialize in the following subjects:

Agriculture, Agronomy, Animal Husbandry, Dairying, Poultry Husbandry, Rural Journalism, Floriculture, Forestry, Landscape Gardening, Pomology, Agricultural Chemistry, Agricultural Economics, Economic Entomology, Microbiology, Economic Botany, Agricultural Education, Rural Sociology

For complete catalog and illustrated booklet, write

KENYON L. BUTTERFIELD, PRESIDENT
AMHERST, MASS.

COLLEGIAN DIRECTORY

Associate Alumni,	C. A. Peters, Secretary—454-W
Joint Committee on Intercol. Athletics,	H. M. Gore, Secretary—403-M
M. A. C. Athletic Field Association,	C. S. Hicks, Treasurer—403-M
Non-Athletic Association,	H. E. Robbins, Manager—res. 62-W
The College Senate,	L. T. Buckman, President—416
Football Association,	J. A. Chapman, Manager—8314
Baseball Association,	R. D. Hawley, Manager—8314
Track Association,	O. S. Flint, Manager—544-M
Hockey Association,	M. R. Lawrence, Manager—8347
Basketball Association,	N. Moorhouse, Manager—8364
Rifle Club,	S. F. Tuthill, President—416
Roister Doisters,	A. F. Williams, Manager—8364
Musical Association,	D. M. Lipshires, Manager—416
Nineteen Hundred Eighteen Index,	K. L. Messenger, Manager—8347
Nineteen Hundred Nineteen Index,	E. M. Buffum, Manager—8364
M. A. C. Christian Association,	D. O. Merrill, President—416
M. A. C. Catholic Club,	J. H. Day, President—8377
Fraternity Conference,	L. T. Buckman, President—416
Stockbridge Club,	M. J. McNamara, President—580
Interclass Athletic Committee.	O. G. Pratt, Secretary—8347

There are Seven Good Reasons why you should buy your

COAL
OF
C. R. ELDER

WOODWARD'S LUNCH

27 Main St., Masonic Bldg., Northampton, Mass.

Lunches, Soda, Ice Cream

Closed only from 1 A. M to 4 A. M

The Connecticut Valley Street Railway

From Amherst, via Northampton, through the Hatfields, past the foot of Sugar Loaf Mt., alongside the famous Bloody Brook battle ground to Old Deerfield, thence to Greenfield, Turners Falls and across the "Plains" to Lake Pleasant, Montague and Millers Falls.

50 Miles of Trackage—Modern Equipment—Train Dispatching System—Freight and Express Service over entire line.

Connecticut Valley Street Railway Company

Jacob Reed's Sons are the leading manufacturers of

UNIFORMS

For college and military schools, and have won and maintain their prestige by sheer merit. The uniforms worn at Massachusetts Agricultural College are finished examples of our product.

JACOB REED'S SONS.

Makers of "Gold Medal Uniforms."

1424-1426 Chestnut St., Philadelphia, Pa.

FOUNTAIN PENS

Moore's Swan's Waterman's

Thirty-six dozen pens to select from.

—OUR RULE—

"Satisfaction guaranteed or money refunded."

DEUEL'S DRUG STORE

COLLEGE SHOES

We carry the largest stock in the state outside of Boston.

MODERN REPAIR DEPT.

E. M. BOLLES
THE SHOEMAN

CARS

Leave AGGIE COLLEGE for HOLYOKE at 15 min. past the hour.

CARS

Leave AMHERST for AGGIE COLLEGE at 7 and 37 min. past the hour.

Special Cars at Reasonable Rates

AMHERST & SUNDERLAND ST. RY. CO

THE TENNEY PARLOR

Cleaning Pressing Repairing

Quickest service, Best Work, Lowest Price

All work carefully done. Work called for and delivered. Gents' overcoats, suits, pants and coats. Ladies' fine linen suits a specialty. Teams will call every day at M. A. C.

WM. FRANKLIN, Prop.

Rear Nash Bl'k, Amherst. Tel. No. 34-4

Amherst

CO-OP LAUNDRY

High-Grade College Work

Shirts,	10-15c
Collars,	2 1-2c
Cuffs,	2 1-2c
Plain wash,	48c per doz.
Same, rough dry,	30c per doz.

DRY CLEANING AND PRESSING

Steam Pressing 40c, 3 Suits for $1.00
Dry Cleaning and Pressing, $1.50 a Suit

All bills payable at Co-op. Store and parcels left there will receive prompt attention.

GRAYSON '17, Agent
HIGGINBOTHAM '17, Asst. Agent

THE MASSACHUSETTS COLLEGIAN

MASSACHUSETTS AGRICULTURAL COLLEGE

Vol. XXVII. Amherst, Mass., Tuesday, January 23, 1917. No. 15

VARSITY PUTS SCARE INTO DARTMOUTH PUCK SHOOTERS

Loses to Green Team Only After Hard Fought Battle. Score 2-0. Very Strong Defense.

Playing a fast offensive game throughout, Dartmouth was able to defeat M. A. C. at hockey Saturday in Hanover by a 2 to 0 score. Both scores resulted from clean shots by Paisley, the fast Green wing, after receiving clever passes from a team mate, one coming within 3 minutes of the start and the other about 10 minutes afterwards.

Dartmouth clearly out played M. A. C. in the first half, but in the second period play was more even, with much more agressiveness on the part of the losers. The sterling work of Captain Buttrick at goal together with brilliant breaking up of promising Green attacks by "Bud" Ross kept the score down and drew frequent applause from the slim gathering who braved the extreme cold. Aggie's offensive play was unable to get going, but showed a decided improvement as the game progressed.

Aside from Paisley, Dartmouth's strongest player was Captain Tyler, who played a strong individual game. The passing of both teams was weak except the winners' work from behind their opponent's goal.

In general the play of the M. A. C. seven was a decided improvement over the quality shown in the Springfield game and augurs well for the Yale game Wednesday night and the remaining games of the season.

The line up:

DARTMOUTH.		M. A. C.
Reycrott, Bickford, Proctor,	lw	rw, Seavey
Austin, Murphy,	c	c, Stiles
Tyler (Capt.),	r	r, Chisholm
Paisley,	rw	lw, Richardson
Currier, Austin,	cp	cp, L. Ross
B. Gale,	p	p, D. Ross
C. Gale, J. Ross,	g	g, Buttrick (Capt.)

Score—Dartmouth 2, M. A. C. 0. Goals—Paisley 2. Referees—J. W. Bowler and G. Geran. Timer—A. A. A. Rubin. Time—20-minute halves.

NEW ASSISTANT MANAGER

Charles G. Mattoon, of Pittsfield, third in the competition for assistant track managers last year, has been elected to take the place of Richard Waite of Middlefield, who is ineligible. The other assistant manager is Walter Graves of Brookline.

C. A. C. FINDS MAROON FIVE TOO FAST AN AGGREGATION

Varsity Rings In Basketball Season with 33-12 Victory. First Intercollegiate Game Since 1909.

Victory for the Maroon and White marked the reinstating of basketball as a varsity sport Saturday afternoon when Connecticut "Aggie" was set back by the score of 33-12 in a well-played contest. The game was watched by a big crowd of rooters who filled to its capacity the temporary bleachers erected in the Drill Hall. The Bay Staters were somewhat slow in getting a start and many of their first shots went wild. For the first few minutes the score stood in Connecticut's favor, but the clever passing of the home team soon put them ahead with a safe lead which the visitors could not overcome.

Pond's pretty exhibitions of dodging and passing made his opponents look foolish at times. He worked well with McCarthy in the forward line, while Sedgwick played a strong game on the defense. Captain Grayson was high scorer with three baskets and seven goals from free tries. For Connecticut, Norton and Dickinson did good work.

The line-up:—

MASSACHUSETTS		CONNECTICUT
McCarthy, Hagelstein,		
Squires, lf	rb,	Barlow, Sears
Pond, rf	lb,	Traurig
E. Grayson, c	c,	Norton
F. Grayson, Gasser, lb	rf,	Shea
Sedgwick, Parkhurst,		
Babbitt, rb	lf,	Dickinson, Musser

Score: Massachusetts 33, Connecticut 12. Goals from the floor—McCarthy 3, Squires, Pond 4, E. Grayson 3, F. Grayson, Sedgwick, Dickinson, Shea, Norton. Goals from free tries—E. Grayson 7, Dickinson 3, Norton 3. Referee—Aspinall of Springfield. Timer—Derby. Scorer—Moorhouse. Time—20 minute halves.

TO PAY ANNUAL VISIT

The committee on agriculture of the State Legislature will pay its annual visit to the college during the week of Jan. 22-27, to inspect these buildings and grounds and try to get into closer touch with the present and the progressive needs of the college.

ELECT CLASS CAPTAINS

Donald Lent of Maynard has been elected captain of the freshman basketball team.

Nathan Gillette of Revere has been chosen to captain the 1918 class team.

ALUMNI HEARTILY INDORSE SCHEME FOR CLASS TALKS

Enthusiastic Over Opportunity to Benefit Men Now in College. Alumni Forum the 9th.

In all probability there will be between 25 and 30 alumni on the campus Alumni Day who will be back for the purpose of talking to undergraduate classes. This response of the alumni speaks of an interest in college affairs not always apparent to the younger men. It puts upon the undergraduates the necessity of responding to the alumni in this effort they are making for the benefit of the men now in college.

Alumni, old and young, are enthusiastically voicing their opinions:

"Will be on hand Feb. 9th," writes Evan F. Richardson '87. "I shall be glad to be of any assistance that I can on Feb. 9th," says Joseph H. Putnam '94.

Paul A. Davis '08: "Will say that you can count on me, unless some unforeseen event should prevent."

"I think the idea of alumni lectures an admirable one," chimes in Fred Nickless '10.

"I certainly approve of the plan to have alumni talk to the classes, and I know such talks would have been very helpful to me and others when I was in college. I regard it as one of the best ideas developed at college for a long time," is the testimony of Josiah C. Folsom '10.

And George A. Post '13, the man who went back to Martinsville, N. J., and started in on the "ole fahm" without letting the neighbors know he was a college graduate, and who now manages to bring in "about 100 a mo.", echoes the spirit of the occasion when he volunteers.

"Perhaps I can save others some of the mistakes I have made, and I know I'll be glad to hear what the other alumni have to say."

Indeed, the plan has future possibilities if any alumni agree with Henry W. Walker '16 when he ventures to remark, "I really have one or two points in mind which should, I believe, be brought to the undergraduates' attention, but will wait until some far distant date before taking the stand on that account."

The attention of the alumni is again called to the Alumni Forum. The meeting will be held Friday afternoon, Feb. 9th, at 3 P. M. in Stock-

[Continued on page 8]

BASKETBALL QUINTET TO MEET R. I. STATE SATURDAY

In the Drill Hall at 8 P. M. Opponents Have Lost to Amherst and Boston College.

Rhode Island State will line up against the varsity basketball team in the Drill Hall, Saturday evening, in what promises to be one of the fastest games of the season. The Rhode Island quintet has already played three games. She was badly defeated by the strong Amherst five in her first game, due to some extent to lack of practice. The following week, however, the team came back with a rush and defeated Northeastern college by a 61-25 score. Last week it took Boston university an overtime period to defeat Rhode Island 24-22. The team is coached by "Jim" Baldwin, the old Dartmouth athlete. Malloy and Spencer are probably the individual stars and will bear watching Saturday.

Though the M. A. C. line-up is uncertain, the Rhode Island quintet will probably be as follows: rg, LeBoeuf; lg, Smith; c, Malloy or Goddard; rf, Lawrence, lf, Spencer. The game will be called at 8 P. M. Saturday in the Drill Hall. Carl Reed of Middletown will officiate.

The freshmen have two basketball games scheduled for the week, both on the campus. On Wednesday at 4 P. M. they will meet the Easthampton quintet and on Saturday at 3 P. M. the strong Hatfield high five.

WASHINGTON CLUB MEETING

The annual meeting and dance of the M. A. C. Club of Washington, D. C. will be held Friday evening, Feb. 2, at 6-30 o'clock, at the Home Club, 14 Jackson Place, Washington, D. C. Visiting Alumni and ladies are invited as usual. Those intending to attend are requested to notify the acting secretary, H. L. Knight, 1420 Buchanan St. Washington, D. C.

TO GIVE CONCERT FOR ELKS

A concert and dance will be given by the combined musical clubs of Massachusetts Agricultural College at the annual ladies' night of the Elks Club of Northampton, on Thursday, Feb. 1. The clubs gave a very successful concert a year ago at the Elks Lodge, when they had open night.

GOOD SALE OF TICKETS

Joint Concert With Tufts Thursday Promises to be Hit of Year.

Practically every available seat has been sold for the combined Aggie and Tufts musical club concert, which is to be given at the Academy of Music, Northampton, Thursday Jan. 25. This new type of rivalry between the two colleges bids fair to unearth one of the best musical programs which may be heard in this vicinity this year. The program of the evening is as follows:

PART ONE.

1. "Comrades in Arms," Adam
   M. A. C. Glee Club.
2. "Invictus," Bruno Huhn
   Tufts Glee Club.
3. "Ringold," Sweeley
   M. A. C. Mandolin Club.
4. Reading, "Shooting of Dan McGrue," Robert W. Service
   Mr. Rice, Tufts '18.
5. "Defiance," Attenhofer
   M. A. C. Glee Club.
6. "Princess Pat Selections," Victor Herbert
   Tufts Mandolin Club.
7. Hawaiian Selections, Selected
   M. A. C. Sextet.

PART TWO.

8. "The Jumbo Canteptic," E. W. Newton '90
   Tufts Glee Club.
9. Popular Medley, Selected
   M. A. C. Quartet.
10. "Route Marchin'," Stock
    M. A. C. Glee Club.
11. "Some Little Bug," Burt
    Tufts Glee Club.
12. "Sword of Ferrera," Ballard
    Mr. Worthley M. A. C.
13. "Pilgrim Chorus," Selected
    M. A. C. Mandolin Club.
14. a. "Brown and Blue," E.W.Newton
    b. "Sons of Old Mass'chusetts," Knight '02

Combined Clubs of Tufts and M. A. C.

The patrons and patronesses of the concert are: President and Mrs. Burton of Smith college, President and Mrs. Meiklejohn of Amherst college, President and Mrs. Butterfield of the Massachusetts Agricultural college, Dean and Mrs. Olds of Amherst college, Dean and Mrs. Lewis of M. A. C.; Dean Ada M. Comstock of Smith college, Mayor A. J. Morse of Northampton M. A. C. '96, Professor and Mrs. Robbins, Mr. and Mrs. F. C. Kenney and Captain and Mrs. Fleet of M. A. C., Mrs. Billings and Mrs. Ferguson of Smith college, Dr. Cordorette and Dr. E. E. Thomas of Northampton.

COAST ARTILLERY MEET

M. A. C. Relay Team to Run Rhode Island State.

The first appearance of the relay team comes at the Coast Artillery meet Boston, Saturday, Jan. 27, where they are pitted against the Rhode Island State team. The Rhode Island State squad has only one veteran back this year which is a similar situation to that of Aggie's team. The contest promises to be close fought to the finish. Men have been entered in the 75 yards and 220 yards dashes.

SPRINGFIELD EASY PREY IN INITIAL HOCKEY GAME

In the first game of the season, with but two of last year's men back, the varsity hockey team defeated Springfield Y. M. C. A. college on the new rink last Wednesday, 9 to 1. Shinny playing characterized a large part of the game, and little team work on either side was noticeable. Three minutes after the opening whistle, L. Ross skated away from his opponents and scored the first goal. Even playing, with attempted shots by both teams, followed the first score until nearly the end of the first half when Richardson scored again for Aggie. Stiles added to the total by scoring just before the period ended.

The second half was a veritable slaughter of the Springfield goal tender. The varsity showed better team work both in defensive and offensive playing and had little trouble in running up a large score.

Captain Buttrick at goal stopped many passes in his usual manner, and L. Ross, Stiles and Richardson played fine hockey in their positions. Jenkins and Hobart, a former Amherst high school star, showed up well for Springfield.

The line-up:

M. A. C.		SPRINGFIELD Y. M. C. A.
Richardson, lw	rw,	Atkinson, Sampson
Stiles, Hunnewell, c	c,	Hersey
Chisholm, r	r,	Hobart
Seavey, Harwood, rw	lw,	Jenkins
D. Ross, cp	cp,	Hodge
L. Ross, p	p,	Jonannet
Buttrick, g	g,	Benatre

Score—M. A. C. 9, Springfield Y. M. C. A. 1. Goals—Stiles 4, Richardson 2, Chisholm 2, L. Ross 1, Hobart 1. Referee—W. Needham. Time—30 minute periods.

AGRICULTURAL LEADERS TO VISIT THE COLLEGE

That the college will hold a great deal of the attention of the agricultural world is indicated by the announcement that at least six of the national bodies which comprise the leaders of agricultural teaching and science will make their headquarters for their annual conventions at Springfield in connection with the Eastern states exposition and will hold several meetings at Amherst. The convention of the agricultural college and experiment station representatives will thus have intimate relation to the fiftieth anniversary celebration next fall, continuing from Oct. 8 to 12. The associations represent 64 colleges and experiment stations and together with several allied organizations may be said to represent agricultural United States. The credit for bringing these conventions to Springfield and the college at such an auspicious time belongs to President Kenyon L. Butterfield and William D. Hurd, director of the extension service.

"Pete" Simmons and "Herb" Walkden '16 were on the campus this week.

Specialists in

Students' Needs

FOR generations we have served the college men and students of all New England and we know their requirements.

Our stocks of Student Clothing, Haberdashery, Shoes, Athletic and Sporting Goods, Jewelry, Rugs, Desks and Books are complete and moderately priced.

Sole Agents in Boston for the justly famous

Society Brand Clothes

Free delivery to Amherst of any purchase—large or small.

JORDAN MARSH COMPANY
Boston

Dr. L. O. Whitman
21 Pleasant St., Amherst, Mass.
Office Hours: 1-3, 7-8 p. m. Sunday and other hours by appointment.

Croysdale Inn
SOUTH HADLEY, MASS.
Good Beds and Good Things to Eat.
Telephone 2028-W, Holyoke.

Cox Sons & Vining
72 Madison Ave., New York

Caps
Gowns
Hoods
for all Degrees

ROBES FOR JUDICIARY, CLERGY AND CHOIR

RAHAR'S INN
Northampton, Massachusetts
EUROPEAN PLAN
The Best Place to Dine
All Kinds of Sea Food
Special luncheon from 11-30 to 2 p. m.
—A la carte service—
6-30 a. m. to 11-30 p. m.
R. J. RAHAR, Prop.

Eyes Examined
Glasses Furnished
OSCAR L. McCULLOCH
54 Suffolk St. Holyoke, Mass.

FLEMING'S SHOE STORE
Northampton

FLOWERS AND PLANTS
Grown by the Floricultural Dept.
We offer our surplus stock of cut flowers and plants at reasonable rates to students and faculty. This stock is grown in modern houses under ideal conditions. Roses, carnations, violets, chrysanthemums and sweet peas in season.
GROWN ON THE CAMPUS
Telephone 300

The "Nonotuck"
HOLYOKE'S LEADING HOTEL
Club Breakfasts, 25c to 75c
Business Men's Luncheon, 60c
Sunday Table d'Hote Dinner, $1.25
GORHAM BENEDICT, Mgr.

INTERCLASS BASKETBALL

Odd Year Men Win Their Games. Freshman-Sophomore Contest a Thriller.

Repitition of their first success carried the seniors near to the lead in the final race for the medals of the interclass basketball series. The juniors led them during the first but their lead was overcome in the second half. Mack was the individual star of the play for the seniors.

The line-up:

1917.		1918.
Kelsey, rf		lb, Gray
Harlow, lf		rb, Lipshires, Huntoon
Mack, c		c, Gillette
Rorstrom, rb		lf, Francis
Day, lb		rf, Minor

Score—Seniors 26, juniors 13. Referee—Ashley. Goals from the floor—Kelsey 3, Harlow, Mack 7, Francis 2, Gilletet. Fouls—Mack 4, Gillette 7. Time—20-minute halves.

1919 vs. 1920.

The sophomore–freshman game was the thriller of the evening, being closely contested to the end. The first half ended with the score tied and the final whistle showed the sophomore team to be in the lead by one point. The final score was—1919, 15; 1920, 14.

The line-up:

1919.		1920.
Vickers, lf		rb, Berman
Batchelder, rf		lb, Littlefield
Blanchard, c		c, Armstrong
Williams, lb		rf, Graves
Crowe, Whittle, rb		lf, Ball

Score—Sophomores 15, freshman 14. Goals from floor—Vickers, Batchelder, Whittle 3, Ball 2, Graves, Armstrong. Fouls—Vickers 5, Ball 6. Referee—Ashley. Time—30-minute halves.

GERRETT RE-APPOINTED

Frank Gerrett of Greenfield has been re-appointed a member of the Board of Trustees of this college.

DR. GEO. A. HASWELL
Osteopath
Central Chambers, Center Street,
Northampton, Mass.
Phone 1027-W

AMHERST SHOE SHINE PARLOR
The Best Shine in Town.
—Also—
Shoe Repairing
Neatly and quickly done.

PLAZA
Northampton, Mass.
Where the Best
Photo-Play Features ...
Are shown.
PROGRAM CHANGED DAILY

CHOOSE DEBATING TEAMS

The two varsity debating teams which will represent M. A. C. in the intercollegiate debates have been chosen. Howard Russell '18, captain, Theodore H. Reumann '18, Douglas T. Newbold '19, and Harvey '19, alternate will compose one team; while Henry Burt '19, captain, Fred B. Sampson '18, Sidney Stockwell '19, and Flavel Gifford '18, alternate, will make up the other team.

The men are hard at work under Professors Patterson and Rand in preparation for the first debate which comes Feb. 16, with the University of Vermont at Burlington. Trinity College, Hartford, Conn., will be debated later in the season. Boston University, Union College, and Springfield Y. M. C. A. College may also be debated sometime during the winter.

WIN CLOSE GAME

Freshmen Defeat Hopkins Academy Five by 24-20 Score.

In a fast and close game, played Thursday afternoon in the Drill hall, the Freshman quintet proved themselves the superior of the speedy Hopkins academy basketball five. Lent and Harrington showed up well for the 1920 aggregation and Majeski and Phillips for Hopkins played a clean, fast game. Majeski was a marvel at putting in counters from the foul line, getting 8 out of 11 tries. Score:

FRESHMEN.		HOPKINS ACADEMY.
Davis, rf		ls, Phillips
Lothrop, lf		rf, Majeski
Harrington, Richards, c		c, Eldridge
Lent, Vigezzi, rb		lb, Kokoski
Stedman, lb		rb, Cook

Score—Freshman 24, Hopkins academy 20. Goals from floor—Davis 2, Lothrop 2, Harrington 3, Lent 2, Phillips 3, Majeski 3. Goals from fouls—Lothrop 6, Majeski 8. Referee—Vickers '19. Time—20 minute halves.

INCREASE PLEDGES

Since the last figures were published the pledges of 1918 and 1919 for Alumni Field have been increased so that the figures for these two classes are now as follows:

	1918.	1919.
Former pledge	$251.25	$345.35
Last "	10.00	167.60
Total	261.25	502.95

This increases the amount pledged to $1455.80 out of $1700.00 asked for, leaving $244.20 yet unpledged of the amount needed to complete Alumni Field. Are we, or are we not, going to turn Mr. Hicks down, and not complete the field? Think about it!

TO STAGE TWO PLAYS

The Graduate club has begun rehearsals on two one-act plays, "The Twelve Pound Cook" by Barrie, and "Food" a tragedy of the future by DeMille. These two playlets will form the major part of an entertainment to be given in Stockbridge hall in the near future.

Semi-Annual Clearance Sale

$3 and $4 Derbys and Soft Hats, ... Now $2 and $2.50
Aquascutum Overcoats, Regular Price $28 to $35, Sale Price $20 to $25

PATRICK MACKINAWS
Regular Price $10 and $12, . . . Now $7.50 and $8

Sheep Lined Coats, Regular Price $18 to $21,
Sale Price $13.50 to $15.50

—At—

CAMPION'S COLLEGE STORE
For 10 Days Only

—Come to us for—

Fireplace Goods, Coat and Trouser Hangers
Ever Ready Flash Lights and Paint
Clothes and Shoe Brushes
Anything in Hardware and Cooking Utensils

Always glad to see you.

THE MUTUAL PLUMBING & HEATING CO.

BURPEE REGISTERED WAB TRADE MARK The Seal of Quality

Burpee's Seeds Grow

FOR forty years we have rendered faithful service. For forty years we have tried to make each year's service more nearly ideal. This untiring effort has built for us not only The World's Largest Mail Order Seed Business, but also a World Wide reputation for Efficiency and undisputed leadership. The Fortieth Anniversary Edition of **Burpee's Annual**, *the* **"Leading American Seed Catalog"** is brighter and better than ever. It is mailed free. A postcard will bring it.

W. ATLEE BURPEE & CO., Seed Growers,
Burpee Buildings Philadelphia

Page's Shoe Store
Largest Stock—Lowest Prices
Expert Repairing—Best leather used

JACKSON & CUTLER
—DEALERS IN—
Dry and Fancy Goods and Choice Family Groceries

THE MASSACHUSETTS COLLEGIAN

Published every Tuesday evening by the Students of the Massachusetts Agricultural College.

BOARD OF EDITORS.

RICHARD W. SMITH '17, Editor-in-Chief
MARSHALL O. LANPHEAR '18, M'ging Editor
MILFORD R. LAWRENCE '17, Assistant Editor
WILLIAM SAVILLE, JR. '17, Alumni Editor

ASSOCIATE EDITORS.

JOHN T. DIZER '17
JOSEPH F. WHITNEY '17
FRANK J. HINKS '18
NATHAN W. GILLETTE '18
ELIOT M. BUFFUM '19
MYRTON F. EVANS '19

BUSINESS DEPARTMENT.

MERRILL P. WARNER '17, Business Manager
JAMES C. POWELL '18, Assistant Business Manager
BIRGER R. ROSEQUIST '18, Advertising Manager

Subscription $2.00 per year. Single copies, 8 cents. Make all orders payable to **Merrill P. Warner.**

In case of change of address, subscribers will please notify the business manager as soon as possible.

Entered as second-class matter at the Amherst Post Office.

Vol. XXVII. Tuesday, Jan. 23. No. 15

THE COLLEGIAN takes this opportunity to extend a welcome to the members of the legislative committee on agriculture who are now visiting the college. It would be useless here to point out all the improvements which are needed in the shape of new buildings and equipment, and, above all, dormitories. These needs are written in letters so large that he who runs may read. We hope and trust that the visitors may take back to the State House such impressions of M. A. C. as will insure the passage of an adequate appropriation bill at this session of the legislature.

IN the Springfield *Republican* of Jan. 19, prominent space on the sporting page was given to an article which said that M. A. C. has found graduate football coaching a failure and was bidding for the services of "Tom" Cotton of Dartmouth as head coach. This statement has, of course, no foundation in fact, for no one considers last season a failure by any means and furthermore, no action whatever has been taken by the athletic committee in regard to this year's coaching. Mr. Cotton himself denies that he had any knowledge of the rumor which prompted the *Republican's* article. It evidently originated in the imagination of some correspondent in Hanover whose hunger for news exceeded his judgment. Such an article does rank injustice to the Aggie coaches who worked so hard last fall and turned out a creditable team in the face of a stiff schedule. It is depressing, to say the least, that what little newspaper publicity the college gets is often twisted in such a manner as to do more harm than good.

Ex-'19.—John Smallwood visited the campus recently.

CAMPUS CALENDAR

[Notices for this column should be dropped in at the COLLEGIAN office or handed to Nathan W. Gillette '18 on or before the Monday preceding each issue.]

WEDNESDAY, JAN. 24

2-10 P. M.—Mr Joe Mitchell Chapple, Stockbridge Hall.

7-00 P. M.—Mandolin Club Rehearsal Social Union.

7-00 P. M.— Agricultural Economics Club meeting.

3-15 P. M.—'Varsity Hockey, M. A. C. vs. Yale, Yale Arena.

THURSDAY, JAN. 25

4-30 P. M.—Special Assembly for State Legislative Committee on Agriculture, Stockbridge Hall.

7-00 P. M.—Florist's and Gardener's Club, French Hall.

8-00 P. M.—Musical Clubs Concert, Tufts and M. A. C. Academy of Music, Northampton.

FRIDAY, JAN. 26

7-00 P. M.—Interclass Basketball, Drill Hall.

SATURDAY, JAN. 27

2-30 P. M.—Freshman Hockey, Pittsfield High School vs. M. A. C. 1920, Alumni Field.

8-00 P. M.—'Varsity Basketball, R. I. State vs. M. A. C. Drill Hall.

SUNDAY, JAN. 28

9-10 A. M.—Chapel. Rev. Philip S. Schenck, Pastor Plymouth Church, Framingham.

6-30 P. M.—Y. M. C. A Meeting. Social Union. Mr. Arao Itano.

COMMUNICATION

TO THE EDITOR OF THE COLLEGIAN:

While the editorial columns of the COLLEGIAN are ringing with the cry for a real Aggie democracy,—a more broadminded and far-seeing policy of dealing between fraternity and non-fraternity men, may I ask that you print the following, that was recently published in the Boston *Transcript*.

I realize that the question at M. A. C. is not the breaking down of the fraternity system, neither, I hope, is it the fallacious idea that "if a fraternity is good for one, why is it not good for all,"—yet I feel that this extract is pertinent, nevertheless:

"The Quadrangler has heard much about the Princeton clubs, both from prejudiced and unprejudiced observers. He cannot see wherein they differ a great deal from the societies at Yale or Harvard or from the fraternities at Brown, Tufts or Williams. And what is more, he does not like this glib use of the word "undemocratic." He is not sure, indeed, that he knows just what college democracy means. He thinks a clear definition of the term, a definition that would be intelligible to all minds, would do a whole lot toward making a rational discussion possible.

"Is it undemocratic for a man to choose as his closest friends men who are congenial to him, or shouldn't he have any closest friends at all? Is it undemocratic for a man or group of men to cultivate the acquaintance of other men who are prominent in college life, or shouldn't one man be more prominent in college life than another? Is it undemocratic for brains to count and energy to be rewarded? Is there lack of democracy when a man who is continually trying to give as much as he can of himself to his college refuses his respect to the man who is continually trying to get as much as he can out of the college? Of what, in short, does democracy consist? The Quadrangler believes that a college body is democratic when it offers an equal opportunity to every man, when it bestows its rewards only on those who merit them and when pre-eminent fitness is the prerequisite for a place on any team or an office of any sort. Cliques, election deals, etc., have no place in the general scheme, but the fact that certain men have chosen to band themselves into a club for social purposes is no indication of a lack of democracy. In every college there are men—many of them—who deserve to be slighted and shunned. Every move they make and every hand they turn is for a selfish purpose. To them the college as such means nothing. They are in college solely for what they can get out of it, and a system which deprives them of every possible advantage is not undemocratic. By their actions they count the contempt of their fellows and they should get it. No: it is not yet time to abolish the Princeton clubs or the Yale societies. They serve many a useful purpose, not the least of which is that they give a lot of well-meaning persons something to talk about."

A. W. S., '17.

FRAT. RELAY RESULTS

The interfraternity races have rounded the third marker in their progress with the results bringing out a slower time in the last series, due to the high wind prevailing. In the first set of contests the results brought victory to Phi Sigma Kappa over Q. T. V.; to Kappa Sigma over Beta Kappa Phi; Kappa Gamma Phi forfeited the race to Sigma Phi Epsilon. The second group of races gave victory to the following: Kappa Sigma over Q. T. V.; Lambda Chi Alpha over Alpha Sigma Phi; Phi Sigma Kappa over Theta Chi. The Monday contests added to the laurels of the following teams: Lambda Chi Alpha over Theta Chi; Alpha Sigma Phi over Beta Kappa Phi; Phi Sigma Kappa over Kappa Gamma Phi.

The following men have been elected by their respective fraternities to manage the inter-fraternity relays:

Q. T. V., F. Bainbridge '18
Φ Σ K, L. M. VanAlstyne '18
K Σ, E. H. Skinner '19
Λ X A, G. H. Schlough '18
Λ Σ Φ, B. R. Rosequist '18
B K Φ, I. W. Ingalls '18
Θ X, E. Ritter '18
Σ Φ E, C. F. Mattoon '19
K Γ Φ, J. E. Callanan '19

E. B. DICKINSON, D.D.S.
DENTAL ROOMS
Williams Block, Amherst, Mass.
Office Hours: 9 to 12 a. m., 1-30 to 5 p. m.

THE BIG FOUR
Black and White Cigars, 5c
Black and White Little Cigars, 15c
Black and White Tweenies, 10c
Black and White Cigarettes, 10c
If you have not tried them you have missed something.
HENRY ADAMS & CO.
The REXALL Store

DE LAVAL
Separators
Save in Seven Ways
QUANTITY of cream that no other separator will recover completely.
QUALITY of cream as evidenced by De Laval butter always scoring highest in every important contest.
LABOR in every way over any gravity system or other separator, by turning easier, being easier to clean and requiring no adjustment.
TIME over any gravity system or other separator, by reason of greater capacity and the same reasons that save labor.
COST in that the De Laval will last from ten to twenty years, while other separators wear out and require to be replaced in from one to five years
PROFIT in more and better cream, with less labor and effort every time milk is put through the machine.
SATISFACTION which can only come from knowing you have the best separator, and are at all times accomplishing the best possible results.
THE DE LAVAL SEPARATOR COMPANY
165 BROADWAY, NEW YORK — 29 E. MADISON ST., CHICAGO

What Does Silage Cost?
The acres used and cultivated time and again, and the area to be gone over to get the fodder are the big items in Silage cost.
Nitrate of Soda, as a Top Dressing worked in when cultivating, will cheapen production of your Silage.
Bigger, more succulent stalks and bigger ears will be yours.
Send post card for free book on "Corn Cultivation"
DR. WILLIAM S. MYERS
25 Madison Avenue, New York

DEERFIELD FALLS TO 1920

The freshman basketball team, although outweighed and playing against a veteran team, defeated the fast quintet from Deerfield academy, Saturday. The defense of the freshmen was like a stone wall, while Richards and Harrington performed well on the offense.:

The line-up:

M. A. C. 1920		DEERFIELD ACADEMY
Lothrop, lf		rb, Graham
(Ball,) Harrington, rf		lb, Callahan
Richards, c		c, Winn, (Davis)
Lent, lb		rf, Tumey
Vigezzi, rb		lf, Wright, Clapp

Score—Freshman 16, Deerfield Academy 15. Goals from floor—Lothrop, Harrington 2, Richards 3, Tumey 2, Wright, Clapp. Fouls—Lothrop 4, Tumey 7. Referee—Swaffield of Brown.

DENNIS MAC CARTHY, POET, TO SPEAK AT ASSEMBLY

Dennis Aloysous MacCarthy, poet, editor and lecturer will address the student body at Assembly, Wednesday, Jan. 31. Mr. MacCarthy is a native of Ireland, being born in Carrick-on-Suir, of Tipperary County. Since 1901 he has been associate editor of the *Sacred Heart Review*, Boston. He is a well-known lecturer on literary, patriotic and social topics. As the author of "A Round of Rimes" and "Voices from Erin" his fame is established. He is a member of the Massachusetts Pilgrim Tercentenary Celebration Committee.

RIFLE TEAM TO SHOOT FIRST MATCH THIS WEEK

The rifle team is shooting the first match of the season this week under somewhat different conditions from previous years. The targets are different in form, the bullseye being about one half the size of the former ones. The entire bull to be shot at is now about two instead of three inches, and the inner bull is about one quarter instead of one half inch in diameter. The targets are to be shot, 10 shots offhand then ten shots prone. Although the match is due to be shot in time to get the targets to Washington by Thursday, the team does not know who their opponents are. The team at present is as follows: Capt. Canlett, Parsons, Barton, Fyellick, Davies, Sweeney, Taylor, Phipps, A. Loring, W. Mack.

A new plan proposed by Capt. Canlett is to change the lowest three men on the team for every match, thus giving opportunity for the twenty men on the squad to try out.

TO ISSUE NEW BULLETIN

"National Farm Loan Associations," Extension Bulletin 13, by Dr. Alexander E. Cance and Ralph M. Rutledge of the department of economics, will be distributed Friday, Jan. 26. It treats of the Federal Farm Loan Bill, of how it affects Massachusetts farmers, how farm loans are made, and of how farm loan associations are formed.

FRESHMEN DEFEAT DRURY

The Freshmen won an 8-0 hockey victory over the Drury high school septet on Alumni field rink Saturday afternoon. The North Adams boys were clearly outclassed from the start and their defense was weak. The Freshman played a clever passing game featured by the good stick work of Ball and Crafts, while Vadnais and Envard showed up well for Drury. The line-up:

FRESHMEN.		DRURY HIGH SCHOOL.
Doucette, g		g, Rickards
Douglass, p		p, Porter
Mallon, cp		cp, Blattman, Douglas
Crafts, r		r, Vadnais
Ball, c		c, Glendenning
Spenser, Sanderson, rw		lw, Envard
Redding, lw		rw, Ray, Gale

Score—Freshmen 8, Drury High 0. Goals—Ball 4, Crafts 3, Redding. Referee—Fernald of M. A. C. Time—15 minute halves.

TO RUN AGRICULTURAL FILMS

The Department of Economics is going to run a series of films on the cattle, sheep, cotton, wheat, and Sugar industries of the world and another, if possible, to finish out the Irrigation films, of which 1000 feet were shown Saturday afternoon, Jan. 20, out of 4000 feet expected. The dates these are to be shown are as follows:

Jan. 26. Cotton growing and manufacturing—2000 feet.

Feb. 2. Sheep Industry, Official films of both the Canadian and Australian governments, showing how sheep are raised in the countries. 1000 feet each.

Feb. 9. Wheat harvesting scenes displayed on the famous fertile fields of the Canadian prairies.

Feb. 23. Cattle. Official films of both the Canadian and Australian governments, showing how cattle are pastured and the frozen meat industry.

March 2. Sugar, Showing how beet sugar is produced from the growing of the seed to the finished product.

DEPUTATION WORK

A team of deputation workers under the leadership of Theodore Reumann '18 of New Bedford, conducted several meetings for young men interested in Y. M. C. A. work in South Deerfield on Saturday and Sunday of last week. The following Y. M. C. A. men from Aggie were present: Lincoln D. Kelsey '17 of West Hartford, Conn.; Paul W. Latham '17 of Norwichtown, Conn.; John T. Dizer '17 of East Weymouth and Raymond T. Parkhurst '19 of Fitchburg. Harry White '15 and Lewis Spaulding '18 were also present at a special meeting Saturday evening

TO PLAY LOOMIS

Another hockey game has been added to the freshman schedule for Jan. 31 with Loomis Institute of Windsor, Conn. The 1920 hockey team plays Pittsfield High Saturday at 2-30 P. M.

TOWN HALL
New Management New Equipment
Program Changes Monday, Wednesday and Friday.
Presenting Every
MONDAY AND TUESDAY
Paramount Productions
Billy Burke in "Gloria's Romance"
20 episodes of 2 reels each.
Black Diamond Comedies.
WEDNESDAY AND THURSDAY
Triangle Features, with Keystone 2-reel Comedies, and Paramount Pictograph.
FRIDAY AND SATURDAY
Paramount Productions, Burton Holmes' Travel Series, Bray Comedy Cartoon, and Pathe News Weekly.
Every Afternoon, at 3 o'clock, entire house 10c, children 5c.
Every Evening, at 8 o'clock, entire floor 15c, balcony 20c.
Box office opens at 2-30 and 7-30 o'clock.

UNITY CHURCH
NORTH PLEASANT ST.
A Church home of the liberal Faith, where every student will meet with a cordial welcome.
REGULAR SUNDAY SERVICE AT 7 P. M.

WHITE'S MUSIC STORE
HENRY K. WHITE
241 MAIN STREET, NORTHAMPTON
Mandolins, Genuine Hawaiian Ukuleles, Picks, Strings, etc., and music for all instruments and all voices. Instruments may be had on trial.

HOW IS THE SOLE WITH YOU?
Get your shoes tapped at
GINSBURG'S, Amity St.
Work neatly done Satisfaction guaranteed

I. M. LABROVITZ
The Leading Tailor and Gents' Furnishings
Full Dress Suits to Rent
Caps and Gowns for Sale or Rent
Also Ladies' Tailoring
Our Work is Guaranteed
We do Dyeing, Cleaning, Repairing and Pressing
PHONE 302-W
11 AMITY STREET, AMHERST, MASS.

The wise ones read our advertisements. It pays.
Every young man in this country today is ambitious—or he's a "dead one."
Our specialty is
Clothes for Young Men
that have pep.
MERRITT CLARK & CO., 141 Main Street, Northampton.

WHO SAID A MIDNIGHT LUNCH?
Make it on one of our small
Electric Grill Stoves
Easy to care for and no danger of fire
Also a good line of
STUDENT LAMPS AND APPLIANCES
RUMERY & FAY, Electricians

THE United States Hotel
Beach, Lincoln and Kingston Sts.
BOSTON, MASS.
Only two blocks from South Terminal Station, and easily reached from North Station by Elevated Railway, and convenient alike to the great retail shops and business centre, also to the theatres and places of interest.
European Plan $1.00 per Day and Upwards
Table and service unsurpassed.
Booklet and map sent upon application
TILLY HAYNES, Proprietor — JAMES C. HICKEY, Manager

WEBSTER'S STUDIO
Everything in Photography
GROUPS A SPECIALTY
Good work speaks for itself.
NASH BLOCK, AMHERST, MASS.

AMHERST BOOK STORE
Note Books — Fountain Pens
Agents for Rex Typewriter
F. M. CURRAN, C. F. DYER

MARSH'S SANITARY
Students' Furniture
RUGS AND CARPETS
— E. D. MARSH ESTATE —

ESTABLISHED 1826
STEPHEN LANE FOLGER, INC.
MANUFACTURING JEWELERS
180 BROADWAY, NEW YORK
CLUB AND COLLEGE PINS AND RINGS
GOLD, SILVER AND BRONZE MEDALS

— JOIN THE BUNCH AT —
EPSTEIN'S TAILORING PARLORS
Now located over post office. Up one flight
Pressing and Cleaning a Specialty
Liberal Ticket System Tel. 36-M

College Stationery
With Class Numerals.
Magazines, Newspapers and Fountain Pens
A. J. HASTINGS
Newsdealer and Stationer

Gallup at Holyoke
293-297 High St.
—SELLS—
Hart Schaffner & Marx Clothes
Come down to Holyoke and see our big store

S. S. HYDE
JEWELER & OPTICIAN
13 Pleasant St.
Oculists' Prescriptions Filled. Broken Lenses Accurately Replaced. Fine Watch Repairing Promptly and Skilfully Done.
Satisfaction Guaranteed

PLYMOUTH INN
Northampton
Quiet and Comfortable—Every facility for
BANQUETS PARTY DINNERS
American and European Plans

"BIDE-A-WEE"
Creamed Chicken and Waffles
Our Specialty—And other good things to eat.
MRS. L. M. STEBBINS,
Middle Street, Tel. 415-W Hadley, Mass.

The Highland Hotel
Corner of Hillman and Barnes Streets, three blocks from the Union Depot, is a modern hostelry run on the European Plan. It is just a step from Main Street, away from the noise and dust and yet in the center of the business district.
Its rooms are well furnished and comfortable, having a telephone and hot and cold running water in every room. Prices $1 and up; rooms with bath (single) $1.50 and up.
Its excellent cuisine and well ventilated dining room makes a meal a pleasant memory—everything of the highest quality, well cooked and served in the best possible manner.
Stay at the Highland Hotel once and you will anticipate staying there again. Music every evening.
D. H. SIEVERS,
Highland Hotel, Springfield, Mass.

Dr. A. H. Daniels, D. O.
OSTEOPATHIC PHYSICIAN
305 LAMBIE BLDG., NORTHAMPTON, MASS.
Telephone

BUY YOUR
Dental Creams, Toilet Soaps, Shaving Powders,
etc., of
A. W. HAMLIN, AMHERST, MASS.
I call at the Dorms and Fraternity Houses.

The Holyoke Valve & Hydrant Co.
Jobbers of Wrought Iron and Brass Pipe, Valves and Fittings for Steam, Water and Gas, Asbestos and Magnesia Boiler and Pipe Coverings, Pipe Cut to Sketch, Mill Supplies. Engineers and Contractors for Steam and Hot Water Heating, Automatic Sprinkler Systems, Boiler and Engine Connections. Holyoke, Mass.

BECKMAN'S
Candies and Ice Cream
"HAMP"

Seniors and Juniors
Now is the time to buy those
FILING CASES
For your Bulletins.

Johnson Book Co.
BABBITT WOODWORTH
Alpha Sigma Phi House.

AMHERST GARAGE CO., INC.
Automobile Supplies
REPAIRING IN ALL ITS BRANCHES VULCANIZING

Batchelder & Snyder Co.
PACKERS AND POULTRY DRESSERS
WHOLESALE ONLY
Beef, Mutton, Lamb, Veal, Pork, Hams, Bacon, Sausages, Poultry, Game, Butter, Cheese, Eggs, Olive Oils.
Blackstone, North and North Centre Streets,
BOSTON, ... MASS.

F. A. SHEPARD
MEN'S STORE
Shoes Hats Furnishings
Local Agent for
E. V. PRICE CO., LAMM CO., BROWNING, KING & CO.,
Custom Tailors
OUR DISCOUNT TICKET SAVES YOU 5%

Carpenter & Morehouse,
PRINTERS,
No. 1, Cook Place, Amherst, Mass.

BASKETBALL OF YORE NOT LIKE PRESENT AGGIE BRAND

Teams of '02-'09 Played Mostly Local Quintets. Varsity Games a Failure.

At this time of intercollegiate basketball resurrection it perhaps would be of interest to review the old basketball days at the college. The first varsity to represent M. A. C. was 1902 with a schedule of eight games of which only four were with colleges. The team drifted along for several years with practically no student support and coach, always playing against odds. Half of the games were played with local Y. M. C. A. and semi-professional teams of the valley which were largely victories and the remainder with some of the best New England colleges among which were Amherst, Springfield, Brown, Dartmouth, Holy Cross, Tufts and Williams practically all of which, through lack of coaching, were decisive defeats. In the winter of 1908 the student body, after the team had experienced an extended and disastrous northern trip, expressed the sentiment that the schedule be canceled, but spirit enough persisted to carry the season through. The next year the athletic committee, disgusted with the support, dropped basketball from the major sport list and it is at this point that the 1917 team continues the work.

GRANTED LEAVE OF ABSENCE

Professor Foord, head of the division of agriculture at the Massachusetts Agricultural college, has been granted a leave of absence of one year. It is Professor Foords' plan to take up advanced study in farm management during the year, and with this end in view he will study at Cornell university and possibly at the University of Wisconsin.

The supervision of the work under the division of agriculture will be undertaken by Professor Lockwood, while the management of the farm will fall to the head of the animal husbandry department, Professor McNutt.

SALESMAN TO SPEAK

O. E. Duling of Yale university will give a lecture on "Salesmanship" Thursday evening at 7 o'clock in the entomology building. His principal emphasis will be on the value of applying the fundamentals of good salesmanship to agriculture as well as to other fields of activity. Mr. Duling is well fitted to deal with the subject because of his broad experience as a salesman.

PLAY YALE TOMORROW

The varsity hockey septet leaves tomorrow, Wednesday noon, for New Haven to meet Yale in the New Haven Arena at 8-15 that evening.

The next game will be Tuesday, Jan. 30, at 4 P. M. on Alumni Field rink.

CROWS SELECT CAMPUS TO BE THEIR ROOKERY

Crows:—1500 of them; with their caws and clatter; settle down each night in the heavy ash and pines on the ridge back of "Prexy's" house and until early morning hold sway in the corner of the campus, much to the annoyance of the nearby residents. But aside from complimenting the birds on their intelligence in picking out this campus as their camping grounds there are several points of interest in the event. While large colonies of crows are common further south this is the first record of any colony wintering over in this county for a long time. Furthermore, setting a conservative estimate at 1500, this is half as large again as the nearest record neighbor colony which is, or has been, located for the past few weeks in Hampden county. At present the birds can do little put pick a living from the fields of the Connecticut Valley and make the night noisy with their clatter. Much comment, however, is now passing the rounds as to what will happen if these guests remain for the spring corn planting.

ADDRESS FARM BUREAU

At the annual meeting of the Berkshire farm bureau at Pittsfield last Saturday the following faculty gave addresses: President Butterfield talked on "What is Agriculture?" taking up the matter of farm work and advocating the purchase of better livestock; Prof. Sumner R. Parker of the extension rural organization staff gave his address on the subject, "Farm Bureau Work in Massachusetts for the Year 1916;" and Miss Laura Comstock, superintendent of the home economics extension course, whose subject was "Massachusetts Agricultural College Extension Service."

DR. ITANO TO SPEAK

Arao Itano, Ph. D. of the department of microbiology will be the speaker at the Y. M. C. A. meeting in the Social Union room next Sunday evening at 6-45. The subject for discussion as suggested by Dr. Itano is "Nippon" and should be of interest to every student. Special attention is called to the time 6-45 Sunday evening.

FLORISTS' CLUB MEETING

Thursday evening, Jan. 25, at 7-00 P. M., Mr. Aubrey Butler of the firm of Butler and Ullman of Northampton will address a meeting of the Florists' and Gardeners' Club on "Retail Store Management in Floricultural Work."

'12.—Louis E. Gelinas, contractor for the Louden Machinery Co., who is now representing the company in Pittsburg visited the campus recently. His address is 4337 Fifth Avenue, Pittsburg, Pa.

ABOUT THE CAMPUS

Under the direction of the rural engineering department the students are installing a set of forges to be used in the courses in forge work and repairing farm machinery. The frame-work and casing for the forges is largely being done by students in rural engineering 26, as well as the installation of the blower, which is to be driven by a small gasoline engine.

1913 NOTES

Thomas P. Dooley, teacher, Brighton, Mass. "Tom" writes that there are a number of students who are seriously thinking of going to M. A. C. at Brighton high school and he is doing some real Aggie boosting.

Lawrence A. Bevan is the proud father of a son, John Robert Bevan, Address, Walpole, Mass.

C. Herbert Brewer, agricultural department, the Barret Co., 17 Battery place, New York City.

Stuart Moir visited college last week. Stuart gets through at Yale Forestry in March and expects to go South for a couple of months lumbering.

ALUMNI NOTES.

'97.—John M. Barry is sales manager of the En Fonola Phonograph Company of Boston. His present address is 218 Tremont St., Room 603, Boston.

'09.—A son, Clement Russel, was born to Mr. and Mrs. Harold D. Phelps on Aug. 31, 1916.

'12.—The family of the late A. F. Muller have presented to the department of landscape gardening a set of the lantern slides collected by Mr. Muller in his work along civic improvement lines.

'14.—Mrs. Hugh L. Stalker of East Boston announces the marriage of her daughter, Helen G. Stalker to Raymond P. Walker '14.

'14.—Miller Jordan in a letter dated Dec. 14, writes that things are again tranquil in Sinaloa and that most of the Americans have returned. He and his classmate, "Casey" Jones, and a few more remained at Los Mochis during the intervention scare. Jordan will be back for Commencement. He says he will then have some most remarkable lies to tell of these strenuous days in Mexico and a fine set of photographs to back them up.

'15.—Carl Frye has accepted a position with L. Brandt, landscape architect in Cleveland, O. He is married and living at 1555 E. 118th street.

Chancellor Elmer Ellsworth Brown of New York University has announced that Jacob Schiff has given $50,000 to the university to begin the permanent endowment of the division of public affairs in the school of commerce, accounts and finance.

NEW BOOKS IN LIBRARY

Recent library accessions number over 40 books, dealing with subjects of varied forms, economics, forestry, agriculture, science, all the major work of the college. Following is given a list of the new acquisitions and their catalogue number on the shelf. The date of publication is 1916 unless otherwise specified.

The American college. 1915. 328 Am4
Atlantic monthly. Atlantic classics. 821 At6
Briggs, L. R. College life. 1904. 378 1576
Carver, T. N. Selected readings in rural economics. 610.33 C25s
Coester, A. L. The literary history of Spanish America. 860 C65
Difiloth, Paul. Zootechnie générale. 1915. 636.13 D56
Eastman, C. A. From the deep woods to civilization. 921 Ea7
Gamble, J. S. Flora of the presidency of Madras. 1915. 580.95 G14
Greene, A. M. The elements of refrigeration. 621.5 G83
Harding, L. A. Mechanical equipment of buildings. 690 H21
Kilbourne, C. H. The pasteurization of milk. 631.1 K55
Kober, G. M. Diseases of occupation and vocational hygiene. 615.82 K79
Macdonald, J. R. New Zealand sheep farming. 1915. 636.3 M14
Moon, F. F. The book of forestry. 635 M77b
National academy of sciences. Proceedings. v. 1, 1915. 506 N21p
New York milk committee. Reduction of infant mortality. 1912. 613.231 N48i
Nourse, E. G. Agricultural economics, 630.33 N85
Plummer, M. W. The seven joys of reading. 1915. 020 p73s
Rugg, H. O. The experimental determination of mental discipline. 370.25 R84
Shutts, G. C. Agricultural arithmetic. 630.51 Sh9
Weather, John. The bulb book. 1911. 634.53 W37
Wells, H. G. Social forces in England and America. 1914. 308 W46
Association of official agricultural chemists. Journal, 1, 1915. 547.63 As7j
Bautain, L. E. M. The art of extempore speaking. 808.5 B32
Burnap, G. Parks, their design, equipment and use. 713 B93
Clements, F. E. Plant succession. 580.8 C59
Cubberley, E. P. State and county school administration. 1915. 379 C89
Dryden, James. Poultry breeding and management. 636.5 D84
Frost, Robert. Mountain interval. 821 F93m
Gardner, F. D. Successful farming. 630 G18
Groat, G. G. An introduction to the study of organized labor. 331.88 G89
Hollingworth, A. L. Vocational psychology. 612.821 H72
King, C. L. Lower living costs in cities. 1915. 338.5 K58
Lahee, F. H. Field geology. 555 L23
Mansfield, W. Histology of medicinal plants. 580.4 M78
Moore, H. L. Economic cycles. 1914. 630.33 M79
National institute of social sciences. Journal. v. 1-2, 1915-16. 309 N22
Northend, M. H. Garden ornaments. 716 N81.
Paine, A. B. The boy's life of Mark Twain. 921 T91pb
Roehl, L. M. Agricultural woodworking. 684 W62
Scott, E. J. Booker T. Washington, Builder of a civilization. 921 W26s
Warne, J. The tide of immigration. 325 W24t
Weed, C. M. Introduction to agriculture 630.07 W41

SHEEP SKIN COATS AND ULSTERS
at the lowest prices in the state. Incidentally we have the best assortment that you have seen.

Custom Made Reversible Collared Shirts
From $1.25 to $4.00
Some real values.

Freshmen Toques, 60 Cents

SANDERSON & THOMPSON
Hart Schaffner & Marx Clothes

School and College Photographers . . .
White Studio
LOCALLY: 52 Center St., Northampton, Mass., and South Hadley, Mass
MAIN OFFICE: 1546-1548 Broadway, New York City
These Studios offer the best skilled artists and most complete equipment obtainable

DID YOU RAISE 300 BUSHELS OF POTATOES PER ACRE THIS YEAR?
If you did not you are losing part of your profits. Potatoes at almost $2.00 per bushel are the most profitable crop on the farm. Our book,
"Potatoes: A Money Crop",
will insure your full profits. Write to-day for your copy.
Local Agency Manager
THE COE-MORTIMER COMPANY, 51 Chambers St., New York City
Subsidiary of the American Agricultural Chemical Co.
Manufacturers of E. FRANK COE FERTILIZERS
1857 The Business Farmers' Standard for Sixty Years 1917

1916 NOTES

You really cannot size up a senior class when they are being anaesthetized in full dress mourning at commencement. At such times the obituary ceremonies impart an expression of profound experience approaching close to grandeur. When we left the campus last June a bunch of almost seniors was gazing doubtfully at a pair of rather large empty shoes. Wouldn't it be grand to go back and fasten our critical old orbes on this flock of young Atlases under natural conditions as they go about their work in our discarded footgear! Wonder if the old brogans rattle about much! Aussi, we all want to see the new head waiter, the '16 scrub faculty, Cweme de Mewidor, the new micro. building, Mr. Brown, the freshman class, etc., etc., and all the events planned for the fourth annual midwinter alumni day, Feb. 9.

Ernest Russell, farmer on the home farm in Hadley. As a profitable side line Russell sells raw materials for fertilizers for A. W. Higgins (M. A. C. '07). For two months in the fall he was substitute teacher in Hopkins academy.

Rumors, rumors, rumors! Somebody got it of somebody else, that the Senior Huntington is building a new house on the estate, where Charlie lives (down in Poquonock, you know). What be you, Charlie, thinking serionaly?

Acushnet, Mass. "Nothing much has happened to me since leaving the old 'coll' except many miraculous escapes from drowning this summer while tilling the fruitful (?) fields. We had a flood in this section that put old Noah's to shame——"—Ben Gilmore. Ben has bought a new flivver. Who says farming doesn't pay big?

Leon F. Whitney is the proud father of a nine pound baby daughter, Julia by name.

ELECT NEW OFFICERS

At a regular meeting of the Stockbridge club Wednesday evening officers were elected for the remainder of the year. They are: President, Paul W. Latham '17; secretary, Albert B. Loring '17 and vice-president, Hans A. Rorstrom '17. Five new members were taken into the club.

ALUMNI INDORSE CLASS TALKS

[Continued from page 1]

bridge Hall. This gathering furnishes opportunity to discuss with the President various college and alumni questions. Any alumnus having any ideas, questions or propositions for consideration at this time should forward his suggestion to Charles H. Gould, Massachusetts Agricultural college. It is, of course expected that men making the suggestions will be on hand to present them.

The Massachusetts Agricultural College

Offers courses of instruction in twenty-seven teaching departments, which embrace the study of

Agriculture, Horticulture, Science, Humanities and Rural Social Science.

A student may specialize in the following subjects:

Agriculture, Agronomy, Animal Husbandry, Dairying, Poultry Husbandry, Rural Journalism, Floriculture, Forestry, Landscape Gardening, Pomology, Agricultural Chemistry, Agricultural Economics, Economic Entomology, Microbiology, Economic Botany, Agricultural Education, Rural Sociology

For complete catalog and illustrated booklet, write

KENYON L. BUTTERFIELD, PRESIDENT
AMHERST, MASS.

COLLEGIAN DIRECTORY

Associate Alumni,	C. A. Peters, Secretary—454–W
Joint Committee on Intercol. Athletics,	H. M. Gore, Secretary—403–M
M. A. C. Athletic Field Association,	C. S. Hicks, Treasurer—403–M
Non-Athletic Association,	H. E. Robbins, Manager—res. 62–W
The College Senate,	L. T. Buckman, President—416
Football Association,	J. A. Chapman, Manager—8314
Baseball Association,	R. D. Hawley, Manager—8314
Track Association,	O. S. Flint, Manager—544–M
Hockey Association,	M. R. Lawrence, Manager—8347
Basketball Association,	N. Moorhouse, Manager—8364
Rifle Club,	S. F. Tuthill, President—416
Roister Doisters,	A. F. Williams, Manager—8364
Musical Association,	D. M. Lipshires, Manager—416
Nineteen Hundred Eighteen Index,	K. L. Messenger, Manager—8347
Nineteen Hundred Nineteen Index,	E. M. Buffum, Manager—8364
M. A. C. Christian Association,	D. O. Merrill, President—416
M. A. C. Catholic Club,	J. H. Day, President—8377
Fraternity Conference,	L. T. Buckman, President—416
Stockbridge Club,	M. J. McNamara, President—580
Interclass Athletic Committee,	O. G. Pratt, Secretary—8347

There are Seven Good Reasons why you should buy your

COAL
OF
C. R. ELDER

WOODWARD'S LUNCH

27 Main St., Masonic Bldg., Northampton, Mass.

Lunches, Soda, Ice Cream

Closed only from 1 A. M to 4 A. M

The Connecticut Valley Street Railway

From Amherst, via Northampton, through the Hatfields, past the foot of Sugar Loaf Mt., alongside the famous Bloody Brook battle ground to Old Deerfield, thence to Greenfield, Turners Falls and across the "Plains" to Lake Pleasant, Montague and Millers Falls.

50 Miles of Trackage—Modern Equipment—Train Dispatching System—Freight and Express Service over entire line.

Connecticut Valley Street Railway Company

Jacob Reed's Sons are the leading manufacturers of

UNIFORMS

For college and military schools, and have won and maintain their prestige by sheer merit. The uniforms worn at Massachusetts Agricultural College are finished examples of our product.

JACOB REED'S SONS,
Makers of "Gold Medal Uniforms."
1424-1426 Chestnut St., Philadelphia, Pa.

FOUNTAIN PENS

Moore's Swan's
Waterman's

Thirty-six dozen pens to select from.

——OUR RULE——
"Satisfaction guaranteed or money refunded."

DEUEL'S DRUG STORE

COLLEGE SHOES

We carry the largest stock in the state outside of Boston.

MODERN REPAIR DEPT.

E. M. BOLLES
THE SHOEMAN

CARS

Leave M. A. C. for Holyoke at 7-20, 8.10, 9 10, 10-20, and at 20 minutes past the hour until 11-20 P. M.

CARS

Leave Amherst for M. A. C. at 6 05, 6 25, 7-00, 7-30, 8-00, 8-15, 9-15, 9-30, 10-15, 10-30, 11-15, 11-30, 12-30, 12-45, 1-30, 1-45 and at 45 minutes past the hour up to 9-45, and at 10-30 and 11 00 P. M.

Last car at 12-30 A. M.

Special Cars at Reasonable Rates

AMHERST & SUNDERLAND ST. RY. CO

THE TERPSY PARLOR
Cleaning Pressing Repairing
Quickest service, Best Work, Lowest Price
All work carefully done. Work called for and delivered. Gents' overcoats, suits, pants and coats. Ladies' fine linen suits a specialty.
Teams will call every day at M. A. C.
WM. FRANKLIN, Prop.
Rear Nash Bl'k, Amherst. Tel. No. 347-4

Amherst CO - OP LAUNDRY

High-Grade College Work

Shirts,	10-15c
Collars,	2 1-2c
Cuffs,	2 1-2c
Plain wash,	48c per doz.
Same, rough dry,	30c per doz.

DRY CLEANING AND PRESSING

Steam Pressing 40c, 3 Suits for $1.00
Dry Cleaning and Pressing, $1.50 a Suit

All bills payable at Co-op. Store and parcels left there will receive prompt attention.

GRAYSON '17, Agent
HIGGINBOTHAM '17, Asst. Agent

Library of the Mass Agri College

THE MASSACHUSETTS COLLEGIAN

MASSACHUSETTS AGRICULTURAL COLLEGE

Vol. XXVII. Amherst, Mass., Tuesday, January 30, 1917. No. 16

M. A. C. AND MASS. TECH BATTLE TO STANDSTILL

Neither Side Able to Score. Soft Condition of Ice Makes Passing Impossible.

M. A. C. and Massachusetts Tech battled through two five-minute over time periods, on the college rink this afternoon, neither side being able to score. Both sides were handicapped by the soft condition of the ice which slowed up the contest considerably and made passing impossible. Notwithstanding this both teams put up a stiff fight.

Tech started off the first half with a rush, but the poor condition of the ice prevented any results. The forwards attempted to play the banks, but the best they could do was to get a couple of tries at the M. A. C. goal. Buttrick easily stopped these. For Aggie the brilliaut work of L. Ross in carrying the puck from his own defense to the enemies goal featured. Neither side was able to make their shots count, however, and the half ended 0–0.

In the second period both teams were more aggressive. Clark of Tech put a scare into the Aggie rooters by coming down the rink with a clean rink in front of him for an easy shot. Buttrick saved the day for Aggie, however, by blocking it. During the over time periods the play was in the visitors territory most of the time but the Aggie shooters were unable to get a tally.

The line-up:

M. A. C.		M. I. T.
Buttrick, g (capt.)	g.	Lowengard
L. Ross, p	p.	Toutein
D. Ross, cp	(capt.) cp.	Cochran
Richardson, lw	lw.	Watt
Stiles, c	c.	Clark
Seavey, rw	rw.	Brunner
Chisholm, r	r.	Cashin

Score—M. A. C. 0, M. I. T. 0. Referee—Needham of Springfield. Timers—Lawrence and Roper. Time—15-minute halves and two 5-minute overtime periods.

SENIOR CLASS ELECTIONS

The permanent officers of the class of 1917 will be elected at the class meeting and Smoker Wednesday, Jan. 31, at 7-00 P. M., in the Social Union. Beside the regular officers the following will be elected: chairmen of the class day, picture, and cap and gown committees, and the ivy, class, and campus orators. The class gift committee will report at this time and the class will take action on the matter.

PROF. WAUGH BECOMES U. S. LANDSCAPE ARCHITECT

Under Government Forest Service. To Outline Policies for Treatment of Timber Areas.

M. A. C. is again brought into prominence through the selection of Prof. Frank A. Waugh, head of the department of horticulture and landscape gardening, to become consulting landscape architect to the U. S. Forest Service. He has been granted six months' leave of absence beginning April 1. The employment of Professor Waugh marks a new era in the development of the national forests of the United States, comprising as they do an area of 156,000,000 acres, or about four times the size of New England. In these forests are found the finest pieces of natural landscape in the country and it is with a view to making this scenery accessible to the people that the forest service now contemplates developing the forests along practical landscape lines. Over a million and a half people use the national forests as playgrounds each year, and the number is still growing. The allotment of camp sites in forest areas without definite plans has greatly complicated the problems of water supply and sewage disposal for the thousands who now use, and the many more who will soon use, the forests for camping purposes. One of the first problems which will confront Professor Waugh will be that of the Imperial valley in Southern California, where, because of the excessive heat of that region the truck farmers have been compelled to build their homes on the high ground of the national forest. The need for a well-planned arrangement of their camping space is demanding immediate attention. A similar situation has arisen in the newly acquired White Mountain national forest in New Hampshire. In many other places in the United States the forests are being used for park and recreational purposes fully as much as are the national parks themselves, thus making a distinctly landscape problem.

Professor Waugh will work under the direction of Henry S. Graves, chief forester, formerly head of the Yale forestry school, and a firm believer in the conservation of the national beauties of the forests as

Continued on page 8]

COLLEGE TO HAVE RESERVE OFFICERS TRAINING CORPS

Two Years of Drill Compulsory. Must Go Into Summer Encampment. Equipment Supplied.

With the beginning of the third term in April, the new system of military training establishing a reserve officers training corps, which has been adopted by the War Department, will go into effect at M. A. C. Although full plans have not been received by the military department as yet, everything will probably be arranged by the first of April. The M. A. C. regiment will be considered as an infantry unit of the United States with a reserve officers training corps. Under the new plan, drill will be compulsory as usual for freshmen and sophomores; the present junior class will probably finish their course as in other years. Uniforms will be furnished free of cost to these students but there will be no other compensation.

At the end of the sophomore year those students wishing to elect the military course will make application for appointment as officers in the reserve officers training corps, and such of these applications as are approved by the President and the head of the Military Department will be appointed officers by the War Department and will be allowed the regular subsistence allowance of approximately $100 a year for the two years of their instruction. The present juniors will be allowed to elect this course with certain restrictions. In this way the men in the junior and senior classes who will take drill will be those selected from a list of applicants volunteering for training. These men will be required to take special training each summer in the summer camps maintained by the War Department.

All equipment such as arms, ammunition, etc, will be supplied by the War Department and will consist as far as possible of the same model guns and equipment supplied the regular army. Special and distinctive insignia will be issued. In addition to the regular infantry units, other branches of military service, such as signal corps, etc, may be formed and will be equipped by the government with horses, machine guns, etc. as may be necessary to the work.

In order to coordinate this new

[Coetinued on page 8]

VERMONT THE ATTRACTION FOR ANNIVERSARY GAME

Eight Colleges on Football Schedule. N. H. State Contest to Be Played in Haverhill.

FOOTBALL SCHEDULE—1917

Sept. 29—Norwich on Alumni field
Oct. 8—Vermont on Alumni field (Anniversary game)
Oct. 13—Dartmouth at Hanover
Oct. 20—Middlebury at Middlebury
Oct. 27—New Hampshire State at Haverhill
Nov. 3—Tufts on Alumni field
Nov. 10—Worcester Tech at Worcester
Nov. 17—Springfield Y. M. C. A. College at Springfield

The varsity football schedule for 1917 has been completed by Manager John A. Chapman. It consists of eight games; three at home, opening with Norwich Sept. 29, four away, and one on a neutral field at Haverhill. Upon the whole the season does not look as formidable as that which the 1916 aggregation faced, and should give the present coaching system a much fairer trial than in the past. As a feature of the 50th anniversary celebration the University of Vermont has been taken on. This date had been held open for some time while negotiations were carried on with Penn. State and Michigan Aggie, but without success, due to schedule conflicts. Haverhill's new stadium offering opportunities for capacity and gate receipts, a game, the first since 1913, was scheduled with New Hampshire State. This year Tufts comes to the campus for the annual gridiron struggle, thus doing away with the trip to Medford every year. The Springfield game at Springfield concludes a well balanced schedule.

ABOLISH MAJOR TALKS

"No major talks for us" was the sentiment expressed in a 1919 class meeting at which it was voted to abolish major talks this year. Because many of the sophomores have already selected their special work it was thought that these talks would be unnecessary for the class. It is a fact, also, that the ill repute into which the major talk as an institution has fallen, was a factor which influenced the adverse vote.

YALE BARELY NOSES OUT A VICTORY OVER VARSITY.

Though the varsity hockey team met defeat at the hands of the Yale puck chasers Wednesday night at the New Haven Arena the 5 to 3 score is a very good indication of the closeness of the match. The Yale septet got a good start in the very first part of the period and another at the close. It was at this point in the game that the "Aggie" team came to its own, however. After a long rush down the ice, Richardson at left wing received a pass from the center of the rink and shot a pretty goal from a difficult angle.

The "Aggie" defence stiffened in the second half and the contest continued with fortune see-sawing from one side to the other, during which time both scored two goals. The first of these occurred after nine minutes of play when Chisholm broke lose from a scrimmage and eluding the Yale defence, drove the disc into the net. "Bud" Ross, the whirlwind point of the "Aggie" team, played his usual strong game and scored the final M. A. C. tally after 13 minutes of play, while Captain Buttrick kept the crowd on edge with his remarkable stops.

The game was a rough one and many penalties were incurred. The style of game shown by both sides was lacking in team work. Captain Murray was the star of the Yale defence, while Armour and Van Nostrand worked well in the offense.

YALE.	M. A. C.
York, g	g, Buttrick
Murray, p	p, L. Ross
Bierwirth, cp	cp, D. Ross
Laughlin, lw	lw, Richardson
McIllwaine c	c, Chisholm
Stanley, rw	rw, Seavey
Armour, r	r, Stiles

Score: Yale 5, M. A. C. 3. Substitutions—"Aggies," Harwood for Stiles. Yale—Griggs for Laughlin, Baker for Griggs, Van Nostrand for McIllwaine, Kelley for Stanley, Ward for Kelley. Referee—Eynan. Umpire—McKinnon. Time—20 minute halves.

FIRST.

Scoring: Laughlin, Yale, 7-30.
Stanley, Yale, 11-20.
Van Nostrand, Yale, 18-19.
Richardson, M. A. C. 19-40.

SECOND.

Scoring: Stanley, Yale, 3-50.
Chisholm, M. A. C. 9-20.
Murray, Yale, 10-40.
L. Ross, M. A. C. 13-40.

LANDSCAPE MEN TRIUMPH

Answering a long deferred bowling challenge from the Florist and Gardeners Club, the Landscape Club defeated the Grave Diggers and Decorators by a margin of 74 pins. The pills were rolled last Friday evening at Metcalf's Alleys.

The personnel of the clubs is as follows:

LANDSCAPE CLUB.	F. AND G. CLUB.
Prof. F. A. Waugh	Lydiard '17
Bain, (grad)	Boyd '18
Clancy, (special)	Duncan '18
Campbell, (special)	Hill '17 (Woods)
Hance, '18	Schwab '17.

VARSITY QUINTET ROLLS UP BIG SCORE WITH R. I.

Playing in even better form than in last week's game with C. A. C., the varsity basketball quintet had little trouble in handing out a crushing defeat to Rhode Island State last Saturday in the Drill hall, the final score standing 31 to 11. The team that faced M. A. C. was much improved over that which suffered a 64 to 4 defeat at the hands of Amherst a few weeks ago, but was nevertheless outclassed. The Rhode Islanders lacked the clean cut type of passing game exhibited by the home team. The Aggie forwards, Pond in particular, were especially clever in this department of the game, eluding one opponent after another by skillful side stepping and passing.

The outcome of the game was never in question after the first few minutes of play, in which the Rhode Island basket was made the target for many Aggie shots, the majority of which went wild. Starting the second half with a lead of eight points, McCarthy, Pond and Grayson began to make their shots count and at the end of the game each member of this trio had four baskets to his credit.

E. Grayson proved his worth at shooting fouls, missing only one out of eight tries. The Rhode Island team had three good men in Spencer, LeBoeuf and Malloy and most of their team play involved this trio.

M. A. C.	R. I. STATE.
McCarty, Squires, lf	rg, LeBoeuf
Pond, Irving, rf	lg, Malloy, Smith
E. Grayson, c	c, Goddard, Malloy
F. Grayson, Parkhurst, lg	rf, Lawrence, Gray
Sedgwick, Pond, rg	lf, Spencer

Score—M. A. C. 31, Rhode Island 11. Baskets from floor—McCarthy 4, Pond 4, E. Grayson 4, Spencer, Lawrence, Gray, Malloy. Baskets from free tries—E. Grayson 7, Spencer 3. Referee—Reed. Timer—Crowe. Time—20-minute halves.

TO RUN WORCESTER

Maroon Relay Team to Meet Tech Runners at B. A. A. Meet Saturday.

Prospects seem good for a win in the B. A. A. meet in Boston Saturday, Feb. 3, when the varsity relay team runs Worcester Poly tech. W. P. I. will work especially hard in the race to make up for their overwhelming defeat by Aggie last year at the Ninth Regiment races and the mix up at the B. A. A. classic in which a spill by one of the Worcester men resulted in a decision of no race. In the Coast Artillery games last Saturday the maroon team made much faster time than the Worcester four so prospects look bright for even better work against Polytech. However, these comparative times were made under different conditions since the distance to be run will be longer, 70 yards per man, in the B. A. A. event. The four best men will make the trip, regardless of last weeks' team. H. A. Pratt is entered for the 600 but he may not be able to run.

Specialists in

Students' Needs

FOR generations we have served the college men and students of all New England and we know their requirements.

Our stocks of Student Clothing, Haberdashery, Shoes, Athletic and Sporting Goods, Jewelry, Rugs, Desks and Books are complete and moderately priced.

Sole Agents in Boston for the justly famous

Society Brand Clothes

Free delivery to Amherst of any purchase—large or small.

JORDAN MARSH COMPANY
Boston

Dr. L. O. Whitman
21 Pleasant St., Amherst, Mass.
Office Hours: 1-3, 7-8 p. m. Sunday and other hours by appointment.

Croysdale Inn
SOUTH HADLEY, MASS.
Good Beds and Good Things to Eat.
Telephone 2628-W, Holyoke.

Cox Sons & Vining
72 Madison Ave., New York

Caps
Gowns
Hoods
for all Degrees

ROBES FOR JUDICIARY, CLERGY AND CHOIR

RAHAR'S INN
Northampton, Massachusetts
EUROPEAN PLAN
The Best Place to Dine
All Kinds of Sea Food
Special luncheon from 11-30 to 2 p. m.
—A la carte service—
6-30 a. m. to 11-30 p. m.
R. J. RAHAR, Prop.

Eyes Examined
Glasses Furnished
OSCAR L. McCULLOCH
54 Suffolk St. Holyoke, Mass.

FLEMING'S SHOE STORE
Northampton

FLOWERS AND PLANTS
Grown by the Floricultural Dept.
We offer our surplus stock of cut flowers and plants at reasonable rates to students and faculty. This stock is grown in modern houses under ideal conditions. Roses, carnations, violets, chrysanthemums and sweet peas in season.
GROWN ON THE CAMPUS
Telephone 300

The "Nonotuck"
HOLYOKE'S LEADING HOTEL
Club Breakfasts, 25c to 75c
Business Men's Luncheon, 60c
Sunday Table d'Hote Dinner, $1.25
GORHAM BENEDICT, Mgr.

VARSITY FIVE TO PLAY NEW HAMPSHIRE SATURDAY

New Hampshire State college will be the third team to face the M. A. C. basketball quintet in Saturday's game to be played at Durham. The M. A. C. team has two victories so far, while New Hampshire has one victory and two defeats, losing to Springfield Y. M. C. A. and Wesleyan.

The upstate quintet defeated C. A. C. by a score of 32–23, while M. A. C. downed Connecticut with the score 33–12. The New Hampshire basketball five under Coach Colwell is the strongest ever playing for the Blue and White, and as M. A. C. has won both of the games so far played, after several years out of the basket game, a close contest will be expected on the New Hampshire floor.

The line-up of New Hampshire State will be as follows: rb, Aulis; lb, Davis; c, Hawkes; rf, Stevens; lf, Badger (Capt.). The M. A. C. line-up is uncertain, but a fast squad will make the trip.

FRESHMEN WIN 5-0

The game scheduled for Saturday afternoon with Pittsfield high was cancelled and a game was arranged with Amherst High instead, in which the "Aggie" underclass men were easily the winners. Ball Crafts, and Spencer played well for the freshmen, Spencer scoring three of his teams points.

M. A. C. 1920.	AMHERST H. S.
Doucette, g	g, Levine
Smith, p	p, Dickinson
Douglass, cp	cp, Bolles
Crafts, r	r, Hasbrouck
Ball, c	c, Powers
Spencer, lw	lw, Sanctuary

Redding, Mallon, rw lw, Kenney, Garvey

Score—M. A. C. 1920 5, Amherst 0. Goals scored—by Ball, Crafts, and Spencer 3. Referee—L. Ross '17. Time—20-minute halves.

DR. GEO. A. HASWELL
Osteopath
Central Chambers, Center Street,
Northampton, Mass.
Phone 1027-W

AMHERST SHOE SHINE PARLOR
The Best Shine in Town.
—Also—
Shoe Repairing
Neatly and quickly done.

PLAZA
Northampton, Mass.
Where the Best
Photo-Play Features ...
Are shown.
PROGRAM CHANGED DAILY

SOPHOMORES NOW LEAD IN INTERCLASS SERIES

In the interclass basketball games Friday evening the sophomores kept their record clean by defeating 1918 in a loosely played contest. The second year men played a good passing game and also put up a fine exhibition of shooting. Crowe and Whittle together garnered in 20 of their team's 30 points.

The score for the 1918–1919 game:

JUNIORS	SOPHOMORES
Minor, (Gillette), lf	lf, Crowe
Thompson, (Popp), rf	rf, Peterson
Gillette, (Cotton), c	c, Blanchard
Gray, lb	lb, Williams
Lipshires, rb	rb, Whittle

Score—1919, 30; 1918, 11. Goals from floor—Minor 2, Gillette, Crowe 5, Whittle 5, Blanchard 2, Peterson. Goals from fouls—Gillette 3, Popp 2, Peterson 4. Referee—Ashley of Amherst. Time 20 minute halves.

1917 vs. 1920

The first half of the senior-freshman game was hard fought and ended with the last year men only one point in the lead, 10–9. In the second half, however, the senior quintet gradually pulled away from the lighter freshman team. When the final whistle blew they had piled up a 20 to 12 lead. Graves played especially well for 1920, while Mack, Harlow, and Kelsey were responsible for the seniors' high score.

Score for 1917–1920 game:

SENIORS	FRESHMEN
Harlow, lf	lf, Ball
Kelsey, rf	rf, Graves
Mack, c	c, Taylor, (Armstrong)
Day, lb	lb, Littlefield
Higginbotham, (Rostrom), rb	rb, Berman

Score—1917, 20; 1920, 12. Goals from floor—Mack 3, Kelsey 3, Harlow 2, Graves 4, Berman. Goals from fouls—Mack 4, Ball 2. Referee—Ashley, Amherst. Time—20 minute halves

The standing of the classes in the interclass basketball series is as follows:

	Won	Lost	Per cent
1919	4	0	1000
1917	3	1	750
1920	1	3	250
1918	0	4	000

HOCKEY SEVEN TO MEET WEST POINT SATURDAY

The M. A. C. hockey team will play West Point Saturday at West Point. The Army was defeated by Springfield Y. M. C. A. college, last Wednesday, 4 to 3, while the Aggie seven defeated the same team 9 to 1 in the first game of the season. Springfield is the only team that has been met by both teams thus far this season and the result gives Aggie the advantage on the basis of comparative scores. The team will leave for New York on the sleeper Friday night, taking the train the next morning for West Point, where the game will be played in the afternoon. The team will return that night by sleeper to Springfield. With the good showing made against the strong Dartmouth and Yale teams, much is expected of the team when they clash with the Army.

Semi-Annual Clearance Sale

$3 and $4 Derbys and Soft Hats, ... **Now $2 and $2.50**
Aquascutum Overcoats, Regular Price $28 to $35. **Sale Price $20 to $25**

PATRICK MACKINAWS
Regular Price $10 and $12, . . . **Now $7.50 and $8**

Sheep Lined Coats, Regular Price $18 to $21,
Sale Price $13.50 to $15.50

—At—

CAMPION'S COLLEGE STORE
For 10 Days Only

—Come to us for—

Fireplace Goods, Coat and Trouser Hangers
Ever Ready Flash Lights and Paint
Clothes and Shoe Brushes
Anything in Hardware and Cooking Utensils

Always glad to see you.

THE MUTUAL PLUMBING & HEATING CO.

BURPEE REGISTERED VAB TRADE MARK The Seal of Quality

Burpee's Seeds Grow

FOR forty years we have rendered faithful service. For forty years we have tried to make each year's service more nearly ideal. This untiring effort has built for us not only The World's Largest Mail Order Seed Business, but also a World Wide reputation for Efficiency and undisputed leadership. The Fortieth Anniversary Edition of **Burpee's Annual,** *the* **"Leading American Seed Catalog"** is brighter and better than ever. It is mailed free. A postcard will bring it.

W. ATLEE BURPEE & CO., Seed Growers,
Burpee Buildings Philadelphia

Page's Shoe Store
Largest Stock—Lowest Prices
Expert Repairing—Best leather used

JACKSON & CUTLER
—DEALERS IN—
Dry and Fancy Goods and Choice Family Groceries

THE MASSACHUSETTS COLLEGIAN

Published every Tuesday evening by the Students of the Massachusetts Agricultural College.

BOARD OF EDITORS.

RICHARD W. SMITH '17, Editor-in-Chief
MARSHALL O. LANPHEAR '18, M'ging Editor
MILFORD R. LAWRENCE '17, Assistant Editor
WILLIAM SAVILLE, JR. '17, Alumni Editor

ASSOCIATE EDITORS.

JOHN T. DIZER '17
JOSEPH F. WHITNEY '17
FRANK J. BINKS '18
NATHAN W. GILLETTE '18
ELIOT M. BUFFUM '19
MYRTON F. EVANS '19

BUSINESS DEPARTMENT.

MERRILL P. WARNER '17, Business Manager
JAMES C. POWELL '18, Assistant Business Manager
BIRGER R. ROSEQUIST '18, Advertising Manager

Subscription $2.00 per year. Single copies, 8 cents. Make all orders payable to **Merrill P. Warner.**

In case of change of address, subscribers will please notify the business manager as soon as possible.

Entered as second-class matter at the Amherst Post Office.

Vol. XXVII. Tuesday, Jan. 30. No. 16

THE ways of showing class spirit are many and varied. Sometimes a class bursts forth in soul-stirring yells, thereby showing the "pep" needed to cheer its teams on to victory. Once in a long while we can imagine a class manifesting its spirit in the more calm form of a holy zeal for excellence in scholastic standing. Again it shows itself in the laudable ambition of the men to know each other better, thereby binding the class together in stronger ties of friendship. But the class of 1920 has taken advantage of an opportunity to show its spirit in a different way, by making good, as a class, the sum of money expected as its share toward the completion of Alumni field. Individuals were merged in one whole class, with the result that now the field fund is better off by $700, not in pledges but cash. Without undue flattery we can say that the freshmen have set a precedent for the succeeding classes which will stand as an example of pull-together spirit for many years to come.

APOLLO QUARTET

In Auditorium Friday Evening. Also Readings by Leiper '19.

The Apollo quartet of Boston will give a concert in the Auditorium on Friday evening, Feb. 2, at 7 o'clock, under the auspices of the Social Union. The Apollo quartet has been justly popular for their concert work around Boston, where they are always well received. They made a decided hit here at Aggie when they were presented last, two years ago. A special feature of the entertainment will be readings by McCarrol H. Leiper '19. Admission will be free to those holding Social Union tickets and 50 cents to all others.

CAMPUS CALENDAR

WEDNESDAY, JAN. 31

2-10 P. M.—Assembly. Mr. Dennis A. MacCarthy, Poet and Lecturer.

5-00 P. M.—Interfraternity Relay Races.
ΘX vs. Q. T. V.
ΦΣK vs. ΣΦE
KΓΦ vs. BKΦ

6-45 P. M.—Orchestra Rehearsal, Social Union.

6-45 P. M.—Stockbridge Club Meeting, Stockbridge Hall., Room 102.

7-10 P. M.— Agricultural Economics Club meeting, Clark Hall.

FRIDAY, FEB. 2.

5-10 P. M.—Movies in Stockbridge Hall, on Irrigation run by the department of Agricultural Economics.

5-00 P. M.—Interfraternity Relay Races.
ΣΦE vs. Q. T. V.
KΣ vs. ΔXA
AΣΦ vs. KΓΦ

7-00 P. M.—Apollo Quartet of Boston, Stockbridge Hall.

7-00 P. M.—Interclass Basketball, 1917 vs. 1919. 1918 vs. 1920.

SATURDAY, FEB. 3

7-00 P. M.—Movies, Stockbridge Hall, 10 reels of Triangle Films.
Varsity Hockey, M. A. C. vs. West Point, at West Point.
Varsity Basketball, M. A. C. vs. New Hampshire State at Durham, N. H.
Freshman Hockey, Williston Seminary at Easthampton.
Freshman Basketball, Wilbraham Academy, at Wilbraham.

SUNDAY, FEB. 4.

9-10 A. M.—Chapel, Rev. F. H. Decker, Church House, Providence, R. I.

MONDAY, 5

5-00 P. M.—Interfraternity Relay Races.
ΔXA vs. ΦΣK
KΣ vs. AΣΦ
BKΦ vs. ΘX

INDOOR TRACK MEET

To be Held March 10. Interclass Relays to Count in Score.

The annual interclass indoor track meet will probably be held Saturday March 10. The usual events of high jump, pole vault, shot put and dashes will be run off at that time, and prior to this there will be a series of interclass relay races the scores of which will count in the score of the meet. The first race will be run Tuesday, Feb. 13, and a series will be run each week until the meet. The managers of the teams will draw for opponents in the the first races. Then the respective winners and losers will oppose each other. Then the teams will draw for opponents for the third, and the fourth race will be run similarly to the second. The first set of two races will be two laps to a man and the second three laps. The fastest team, or the winner of the winners, in each set will score five points, the second three points, and the third one point so that a possible score of 10 may be made by a team. This "round robin" relay was used successfully last year in running the races.

FRATERNITY RACES ENTER SECORD HALF OF SCHEDULE

Another week has been rounded out in the interfraternity relay contests with the fastest time of the series being made in the first race of the week by Lambda Chi Alpha at 2-14. This time does not compare with the time made last year, in the county relay series, by the Middlesex county runners at 2.08 2-5. The first series ended with the following victors: Q. T. V. over Kappa Gamma Phi; Kappa Sigma over Theta Chi; Alpha Sigma Phi over Sigma Phi Epsilon. Friday's races went to Lambda Chi Alpha over Q. T. V.; Kappa Sigma over Sigma Phi Epsilon; Phi Sigma Kappa over Beta Kappa Phi. A change in the schedule brought Lambda Chi Alpha and Q. T. V. together early. The rewards of victor were captured on Monday by Lambda Chi Alpha over Kappa Gamma Phi; Alpha Sigma Phi over Theta Chi; Q. T. V. over Beta Kappa Phi.

The following is the standing of the fraternities:

	Won.	Lost.	Percentage.
Kappa Sigma	4	0	1000
Lambda Chi Alpha	4	0	1000
Phi Sigma Kappa	4	0	1000
Alpha Sigma Phi	3	1	875
Q. T. V.	2	3	625
Sigma Phi Epsilon	1	2	333
Kappa Gamma Phi	0	4	000
Beta Kappa Phi	0	4	000
Theta Chi	0	4	000

ALUMNI DAY

A Course of Major Talks All Within 24 Hours. Wonderful Opportunity for Students.

To see, hear and know what a real, live, successful Aggie alumnus is, is the privilege extended to students of all four classes on Alumni Day. The undergraduates have never before had the opportunity of learning first hand the professional experiences of so large a number of alumni. These men are returning to college for the express purpose of shedding a little light on some of the questions that puzzle the undergraduate. Those men who are skeptical regarding the value of this or that course; those who would like to understand a little more fully the problems that their major holds for them when they begin to practice; those who want a little more information before they choose a major will have the chance to profit by the experience of those who have gone through the same college training.

Most of the classes that meet on Friday will have one or more alumni addressing the class in place of the regular instructor. These alumni lectures are open to all students who have an opportunity to attend, and are not restricted to those men studying in the particular department under whose supervision they are given. A complete schedule of all events will appear in the next issue of the COLLEGIAN.

Why pay more?

We don't make to measure but we do make to fit!

Besides, the fit you see before you order.

At the Amherst House:

Wednesday, February 21st

Complete Spring showing.

Same moderate prices prevailing as in our four stores in New York.

"Your money back" should anything go wrong.

MAIL ORDERS FILLED

ROGERS PEET COMPANY

Broadway at 13th St. | "The Four Corners." | Broadway at 34th St.
Broadway at Warren | | Fifth Ave. at 41st St

NEW YORK CITY

LOSE CLOSE RACE

Rhode Islanders Nose Out Maroon Relay Team at Coast Artillery Meet

M. A. C. was defeated in the first relay race of the year by the quartet from Rhode Island at the annual coast artillery games held in Boston last Saturday night. Rhode Island held the lead all the way but had to break the track record in order to win. Gardner chose the pole and was pitted against Bainbridge of the Aggies. Gardner gave a lead to Reid who held the distance against Clough, while Yessir of M. A. C. and Woods of Rhode Island ran two laps without a change in the gap between them. Pratt, the anchor man of M. A. C., made a desperate effort against Greenhalge, running the first lap in somewhat less time than his opponent, but he lacked the punch and the Rhode Islander pulled away from him, crossing the tape a few yards in the lead. The time of the race was 2 minutes, 33 seconds.

TOTAL SCORE OF 922

Smaller Bullseye Hampers Rifle Team Somewhat in First Match.

The results of the first match shot by the rifle team this season have been sent to Washington. It is not known who their opponents were, probably because all entries had not been made so that the list of competitors could be arranged. Although the results seemed a little low, it is primarily because of the smaller bulls eye in use this year. Captain Canlett thinks that the scores were very good because of the fact that the best men averaged nearly the same. The second match is being shot this week and the results must be in Washington by Thursday, Feb. 1.

The score of the first five men is as follows:

	Standing.	Prone.	Total.
F. H. Canlett	91	97	188
A. B. Loring	91	95	186
E. B. Taylor	88	95	183
E. F. Parsons	85	98	183
C. R. Phipps	83	99	182
Team total			922

COMBINED MUSICAL CLUBS RENDER PLEASING PROGRAM

Before an appreciative audience of over 600, the combined musical clubs of M. A. C. and Tufts gave one of the best concerts of the year in the Academy of Music, Northampton, Saturday. The style of music rendered by the two clubs was entirely of a different order, but both were masters of their own art. Tufts' program contained several college numbers, most all of which took well. Among the M. A. C. features that were especially good were the Hawaiian sextet selections and "Fiddle and I," by Harlan Worthley, soloist. Both clubs were liberal with their encores.

PROF BEAUMONT OF CORNELL TO HEAD AGRONOMY DEPT.

Prof. A. B. Beaumont of Cornell University has been appointed Associate Professor of Agronomy at the Massachusetts Agricultural college and acting head of that department. Mr. Beaumont graduated from the Kentucky State university in 1908, and since that time has taught in the North Bend, Oregon, high school, the Oregon State Normal school, and at Cornell university. At the latter institution he has been assistant in the department of Soil Technology while pursuing work for an advanced degree. Mr. Beaumont comes with highest recommendations from the authorities at Cornell university, and from school officials in Oregon, under whom he served. Mr. Beaumont will take up his work at Amherst March 1.

COLLEGIAN COMPETITION

The standing in the competition for positions on the editorial board of the COLLEGIAN up to Jan. 6, 1917 is printed below. The competition closes March 1.

NAME.	TOTAL POINTS.
A. N. Bowen '19	30.81
E. C. Stackpole '18	17.58
R. W. Harwood '18	16.53
L. C. Higgins '18	15.84
A. L. Chandler '19	13.46
G. N. Peck '19	13.35
W. S. Sawyer '18	10.91
P. F. Hunnewell '18	9.88
F. Schenkelberger '18	4.87
T. H. Reuman '18	3.60

SPEAKERS FOR THE WEEK

Rev. Frank H. Decker of Church House, Providence, R. I., will speak at Sunday chapel, Feb. 4, on his social and religious work Rev. Decker is a well known religious worker, and he has written the book "A Christian's Experience of God."

President Kenyon L. Butterfield will speak at assembly, Feb. 7, on student government. After the extended discussion of this subject at the forum Prexy's ideas will be of interest. After the talk there will be a mass meeting.

NEW BOTANY ASSISTANT

Mr. Emile Mardfin, Cornell '16, has been appointed assistant in the department of plant pathology. Mr. Mardfin received his degree from Cornell University in February and went from there to the University of Wisconsin, where he studied in plant pathology for a semester. He has had some practical experience in working with plant diseases in the Hick's nursery, Westbury, Long Island.

MOVIES SATURDAY EVENING

To end a week of activity properly, the Social Union committee is billing ten reels of feature Triangle motion pictures for Saturday evening at 7 P. M. Attempts are being made to secure a release featuring Donald Fairbanks in a five reel thriller.

TOWN HALL

MONDAY AND TUESDAY, JAN. 29, 30
Mae Murray in **"To Have and to Hold"**
Paramount Feature
Third Episode of **"Gloria's Romance"**
Featuring **Billie Burke**
BLACK DIAMOND COMEDY

THURSDAY
Douglas Fairbanks in **"The Habit of Happiness"**—Triangle Feature
THE BLACKSMITH SHOP—Keystone 2-reel Comedy
PARAMOUNT PICTOGRAPH—The Magazine on the Screen

FRIDAY AND SATURDAY
Dustin Farnum in **"Ben Blair"**—Paramount Feature
Pathe News, Burton Holmes Travel Series and Bray Cartoon

Every Afternoon, at 3 o'clock, entire house 10c, children 5c.
Every Evening, at 8 o'clock, entire floor 15c, balcony 20c.
Box office opens at 2:30 and 7:30 o'clock.

UNITY CHURCH
NORTH PLEASANT ST.
A Church home of the liberal Faith, where every student will meet with a cordial welcome.
REGULAR SUNDAY SERVICE AT 7 P. M.

WHITE'S MUSIC STORE
HENRY K. WHITE
241 MAIN STREET, NORTHAMPTON
Mandolins, Genuine Hawaiian Ukuleles, Picks, Strings, etc., and music for all instruments and all voices. Instruments may be had on trial.

HOW IS THE SOLE WITH YOU?
Get your shoes tapped at
GINSBURG'S, Amity St.
Work neatly done Satisfaction guaranteed

I. M. LABROVITZ
The Leading Tailor and Gents' Furnishings
Full Dress Suits to Rent
Caps and Gowns for Sale or Rent
Also Ladies' Tailoring
Our Work is Guaranteed
We do Dyeing, Cleaning, Repairing and Pressing
PHONE 302 W
11 AMITY STREET, AMHERST, MASS.

The wise ones read our advertisements. It pays. Every young man in this country today is ambitious—or he's a "dead one."

Our specialty is
Clothes for Young Men
that have pep.
MERRITT CLARK & CO., 134 Main Street, Northampton.

WHO SAID A MIDNIGHT LUNCH?
Make it on one of our small
Electric Grill Stoves
Easy to care for and no danger of fire
Also a good line of
STUDENT LAMPS AND APPLIANCES
RUMERY & FAY, Electricians

THE
United States Hotel
Beach, Lincoln and Kingston Sts.
BOSTON, MASS.
Only two blocks from South Terminal Station, and easily reached from North Station by Elevated Railway, and convenient alike to the great retail shopping and business centre; also to the theatres and places of interest.
European Plan $1.00 per Day and Upwards
Table and service unsurpassed. Booklet and map sent upon application
TILLY HAYNES, Proprietor JAMES C. HICKEY, Manager

WEBSTER'S STUDIO
Everything in Photography
GROUPS A SPECIALTY
Good work speaks for itself.
NASH BLOCK, AMHERST, MASS.

AMHERST BOOK STORE
Note Books Fountain Pens
Agents for Rex Typewriter
F. M. CURRAN C. F. DYER

MARSH'S SANITARY
Students' Furniture
RUGS AND CARPETS
— E. D. MARSH ESTATE —

ESTABLISHED 1892
STEPHEN LANE FOLGER, Inc.
MANUFACTURING JEWELERS
180 BROADWAY, NEW YORK
CLUB AND COLLEGE PINS AND RINGS
GOLD, SILVER AND BRONZE MEDALS

— JOIN THE BUNCH AT —
EPSTEIN'S TAILORING PARLORS
Now located over post office. Up one flight
Pressing and Cleaning a Specialty
Liberal Ticket System Tel. 36-M

College Stationery
With Class Numerals.
Magazines, Newspapers and Fountain Pens
A. J. HASTINGS
Newsdealer and Stationer

Gallup at Holyoke
293-297 High St.
—SELLS—
Hart Schaffner & Marx Clothes
Come down to Holyoke and see our big store.

S. S. HYDE
JEWELER & OPTICIAN
13 Pleasant St.
Oculists' Prescriptions Filled. Broken Lenses Accurately Replaced. Fine Watch Repairing Promptly and Skilfully Done.
Satisfaction Guaranteed

PLYMOUTH INN
Northampton
Quiet and Comfortable—Every facility for
BANQUETS PARTY DINNERS
American and European Plans

"BIDE-A-WEE"
Creamed Chicken and Waffles
Our Specialty—And other good things to eat.
MRS. L. M. STEBBINS,
Middle Street, Tel. 415-W Hadley, Mass.

The Highland Hotel
Corner of Hillman and Barnes Streets, three blocks from the Union Depot, is a modern hostelry run on the European Plan. It is just a step from Main Street, away from the noise and dust and yet in the center of the business district.
Its rooms are well furnished and comfortable, having a telephone and hot and cold running water in every room. Prices $1 and up; rooms with bath (single) $1.50 and up.
Its excellent cuisine and well ventilated dining room makes a meal a pleasant memory—everything of the highest quality, well cooked and served in the best possible manner.
Stay at the Highland Hotel once and you will anticipate staying there again. Music every evening.
D. H. SIEVERS,
Highland Hotel. Springfield, Mass.

AMHERST GARAGE CO., INC.
Automobile Supplies
REPAIRING IN ALL ITS BRANCHES VULCANIZING

Batchelder & Snyder Co.
PACKERS AND POULTRY DRESSERS
WHOLESALE ONLY
Beef, Mutton, Lamb, Veal, Pork, Hams, Bacon, Sausages, Poultry, Game, Butter, Cheese, Eggs, Olive Oils.
Blackstone, North and North Centre Streets.
BOSTON, ... MASS.

F. A. SHEPARD
MEN'S STORE
Shoes Hats Furnishings
Local Agent for
E. V. PRICE CO., LAMM CO., BROWNING, KING & CO., Custom Tailors
OUR DISCOUNT TICKET SAVES YOU 5%

Carpenter & Morehouse,
PRINTERS,
No. 1, Cook Place, Amherst, Mass.

Dr. A. H. Daniels, D. O.
OSTEOPATHIC PHYSICIAN
305 LAMBIE BLDG., NORTHAMPTON, MASS.
Telephone

BUY YOUR
Dental Creams, Toilet Soaps, Shaving Powders, etc., of
A. W. HAMLIN, AMHERST, MASS.
I call at the Dorms and Fraternity Houses.

The Holyoke Valve & Hydrant Co.
Jobbers of Wrought Iron and Brass Pipe, Valves and Fittings for Steam, Water and Gas, Asbestos and Magnesia Boiler and Pipe Coverings, Pipe Cut to Sketch, Mill Supplies. Engineers and Contractors for Steam and Hot Water Heating, Automatic Sprinkler Systems, Boiler and Engine Connections. Holyoke, Mass.

BECKMAN'S
Candies and Ice Cream
"HAMP"

Seniors and Juniors
Now is the time to buy those
FILING CASES
For your Bulletins.

Johnson Book Co.
BABBITT WOODWORTH
Alpha Sigma Phi House.

SENATE MINUTES

A special meeting of the Senate was held Wednesday afternoon, Jan. 24. R. W. Smith and Messenger were absent. Pageant Master Langdou was present and discussed the matter of the spectacular student performance with Alumni field as the theme. A committee consisting of E. Grayson, S. S. Smith and Chapman, was appointed to act with Mr. Langdon in appointing sub-committees from the student body to assist in carrying out the performance.

Acting upon a letter from Pres. Butterfield, it was voted to select the Friday and Saturday after Thanksgiving day in lieu of Jan. 1; to begin college on Monday afternoons after vacations, rather than on Tuesday morning (which would mean the transfering of Monday afternoon classes to the follow Saturday afternoon.)

Voted that the present system of half holidays on Oct. 12, Feb 22, April 19 and May 30, be retained.

A special meeting of the Senate was held Sunday morning, Jan. 28. Day, S. S. Smith and Messenger were absent. Voted to accept the rules drawn up by the committee on Initiative and Referendum, which were as follows:

1. The Initiative.

A. Any ten members of the student body may submit a petition, in writing, to the Senate, demanding action upon any subject which they deem expedient.

B. The Senate shall then consider the petition at its next regular meeting. The following courses of action may be followed:

(a) If rejected, the petition shall be returned to its signers with the reasons for its rejection.

(b) If accepted, the ruling of the Senate shall be read at the next succeeding assembly.

(c) On a majority vote of the members present, the Senate may refer the question to the student body for action at the regular meeting.

(a) All proceedings in regard to the petition shall be published with the other minutes of the Senate in the COLLEGIAN.

II. The Referendum.

A. The Senate may, on a majority vote of the members present at any meeting, refer any subject under consideration to the student body for defiuite action at the next regular mass meeting.

B. On petition of 100 names submitted within one week after the publication of the minutes in the COLLEGIAN, a petition previously rejected by the Senate shall be submitted to the student body for action.

Pres. Butterfield asked that the matter of having Sunday Chapels next year be brought before the student body at the mass meeting on Feb. 7.

The recommendation that the bulletin board be divided into five sections: (1) Lost and Found; (2) For Sale; (3) Class Notices; (4) Wanted; (5) Miscellaneous; to eliminate the present confusion and inadequacy, was read and accepted.

A committee consisting of Westman and Russell was appointed to investigate the matter of student labor and its distribution to the advantage of the greatest number of needy students.

Recommended that a student organist be employed.

DRAPER LUNCH
Northampton, Mass.
Where all foods of the best quality are served at the minimum price
WM. M. KIMBALL, Proprietor.

E. B. DICKINSON, D.D.S.
DENTAL ROOMS
Williams Block, Amherst, Mass.
Office Hours—9 to 12 a. m., 1-30 to 5 p. m.

THE BIG FOUR
Black and White Cigars, 5c
Black and White Little Cigars, 15c
Black and White Tweenies, 10c
Black and White Cigarettes, 10c
If you have not tried them you have missed something.

HENRY ADAMS & CO.
The REXALL Store

DE LAVAL
Separators
Save in Seven Ways
QUANTITY of cream that no other separator will recover completely.
QUALITY of cream as evidenced by De Laval butter always scoring highest in every important contest.
LABOR in every way over any gravity system or other separator, by turning easier, being easier to clean and requiring no adjustment.
TIME over any gravity system or other separator, by reason of greater capacity and the same reasons that save labor.
COST in that the De Laval will last from ten to twenty years, while other separators wear out and require to be replaced in from one to five years.
PROFIT in more and better cream, with less labor and effort every time milkis put through the machine.
SATISFACTION which can only come from knowing you have the best separator, and are at all times accomplishing the best possible results.
THE DE LAVAL SEPARATOR COMPANY
165 BROADWAY NEW YORK 29 E. MADISON ST. CHICAGO

What's on the Fertilizer Bag?
Does your manufacturer print on the fertilizer bag, how much immediately available nitrogen (viz., Nitrates) it contains?
Many do not.
Home mixing is the safe, economical method. Mix your own fertilizers and know what you get.
My book "Home Mixing" free. Send post card for it, today.
WILLIAM S. MYERS
25 Madison Ave. New York

TO HAVE A LA CARTE SERVICE

Within a few weeks the management of the dining hall expects to install an a la carte system at the Commons. Meals will be served throughout the morning, a luncheon, and dinner. Certain menus will be on hand all the time but specialties may be called for and served within a few minutes. A special room will be partitioned off in the southwest corner of the dining hall, where this new system will be given a trial. Instead of weekly payments a checking system will be put in vogue.

INSTALL NEW BALLOPTICAN

A new Bauch and Lomb convertible Balloptican and micro-photographic apparatus has been installed in the microbiology building during the past week. The balloptican is one of the finest in the state, and it may be used as an ordinary stereoptican, to project photographs, or to show microscopic slides. This equipment should do much to improve the efficiency of the department.

TO FEATURE IRRIGATION

Irrigation, on what the U. S. Reclamation Service Commission claims is the most famous potato farm in the world, will be shown in "movies" at Stockbridge Hall, Feb. 2. This is another of the series of educational films run by the agricultural economic department. The time is 5-10.

DR. BROOKS TO LECTURE

Dr. William P. Brooks of the Experiment Station will speak before the Stockbridge Club, Wednesday at 6-45 P. M., in Stockbridge Hall, Room 102, taking for his subject "How the Experiment Station is of the Most Use to the Farmer."

MAY OFFER COURSES IN Y. M. C. A. TRAINING WORK

Courses in county Y. M. C. A. work will probably be established at at M. A. C. in the near future. In regard to this matter, Fred B. Freeman of the international committee of the Y. M. C. A., Clarence P. Shedd and D. C. Drew of the state committee met in conference with members of the college faculty, and students, intending to take up this work upon graduation, Saturday, Jan. 27. The Springfield Y. M. C. A. college sends men here to take courses in Rural Sociology before graduating and thus they obtain a sound training for solving the rural Y. M. C. A. problems. For those who have not the time to attend the Y. M. C. A. college these proposed courses will offer good substitutes.

SHEEP SKIN COATS AND ULSTERS
at the lowest prices in the state. Incidentally we have the best assortment that you have seen.

Custom Made Reversible Collared Shirts
From $1.25 to $4.00
Some real values.

Freshmen Toques, 60 Cents

SANDERSON & THOMPSON
Hart Schaffner & Marx Clothes

School and College Photographers . . .
White Studio
LOCALLY: 52 Center St., Northampton, Mass., and South Hadley, Mass
MAIN OFFICE: 1546-1548 Broadway, New York City
These Studios offer the best skilled artists and most complete equipment obtainable

Insure Your Crops and Your Profits
Write today for prices on
E. Frank Coe Fertilizers
1857 The Business Farmers' Standard for Sixty Years 1917
Ask For Our Crop Books. We Want Reliable Agents in Unoccupied Territory
Address Agency Manager
THE COE-MORTIMER COMPANY
Subsidiary of the American Agricultural Chemical Co.
51 CHAMBERS STREET . . . NEW YORK CITY

H. H. S. OUTPLAYS FRESHMEN

Clever passing and shooting by the Hartford high school quintet caused the downfall of the Massachusetts Aggie freshmen in the drill hall Saturday afternoon by the score 27–10. The freshmen fought on fairly equal terms during the first half, but in the second Hartford took a spurt which left them hopelessly behind at the finish. The work of Lothrop in the forward line and Captain Lent in the backfield featured the play of the first year men, while Luisman and R. Cohn put up a strong game for Hartford.

The line-up:

Hartford High		M. A. C. 1920
Luisman, M. Cohn, rf		lb, Lent, Littlefield
Goetz, R. Cohn, lf		rb, Stedman, Vigezzi
Sickler, Leyland, c		c, Richards
Nordland, Barrows, rb		lb, Lothrop, Lent
Miel, lb		rb, Davis, Ball

Score—Hartford High—27; M. A. C. Freshmen, 10. Baskets—Luisman 3, Goetz 2, Nordland, Leyland, R. Cohn 3, Lothrop, Ball. Goals from free tries—Goetz 3, Sickler, R. Cohn 3, Lothrop 6. Referee—Ashley of Amherst. Scorer—C. Crowe '19. Time—20 minute halves.

TO HAVE TRAINING CORPS

[Continued from page 1]

training service with the regular army, the members of the reserve officers training corps may apply for appointments as Lieutenants in the regular army at $100 a month for the period of six months. However this application and service is to be entirely voluntary and is not required by the election of the military course. At the close of this six months training they will become members of the reserve officers corps, and in event of war would become officers of volunteer units. They will also be required to take fifteen days' training each year in special camps. At the age of 40, these officers would be either promoted or discharged.

GOV. LANDSCAPE ARCHITECT

[Continued from page 1]

well as their timber. The two will leave in April for a trip of inspection through the forests of California, Oregon and Washington, east through Idaho, Montana and Wyoming, south through Utah and Colorado, and thence to the White Mountain reservation late in August. Besides offering suggestions for the immediate solution of some of the more pressing problems which confront the forest service, Professor Waugh will outline the general policies for the landscape treatment of the forest areas, and devise some plan of organization for the carrying out of these ideas. It is expected that in a short time the work of this phase of the forest problem will demand the establishment of a permanent landscape department, which would have charge of laying out the roads, trails and camp sites throughout the forest areas.

The Massachusetts Agricultural College

Offers courses of instruction in twenty-seven teaching departments, which embrace the study of

Agriculture, Horticulture, Science, Humanities and Rural Social Science.

A student may specialize in the following subjects:

Agriculture, Agronomy, Animal Husbandry, Dairying, Poultry Husbandry, Rural Journalism, Floriculture, Forestry, Landscape Gardening, Pomology, Agricultural Chemistry, Agricultural Economics, Economic Entomology, Microbiology, Economic Botany, Agricultural Education, Rural Sociology

For complete catalog and illustrated booklet, write

KENYON L. BUTTERFIELD, PRESIDENT
AMHERST, MASS.

COLLEGIAN DIRECTORY

	Telephone
Associate Alumni,	C. A. Peters, Secretary—454–W
Joint Committee on Intercol. Athletics,	H. M. Gore, Secretary—403–M
M. A. C. Athletic Field Association,	C. S. Hicks, Treasurer—403–M
Non-Athletic Association,	H. E. Robbins, Manager—res. 62–W
The College Senate,	L. T. Buckman, President—416
Football Association,	J. A. Chapman, Manager—8314
Baseball Association,	R. D. Hawley, Manager—8314
Track Association,	O. S. Flint, Manager—544–M
Hockey Association,	M. R. Lawrence, Manager—8347
Basketball Association,	N. Moorhouse, Manager—8364
Rifle Club,	S. F. Tuthill, President—416
Roister Doisters,	A. F. Williams, Manager—8364
Musical Association,	D. M. Lipshires, Manager—416
Nineteen Hundred Eighteen Index,	K. L. Messenger, Manager—8347
Nineteen Hundred Nineteen Index,	E. M. Buffum, Manager—8364
M. A. C. Christian Association,	D. O. Merrill, President—416
M. A. C. Catholic Club,	J. H. Day, President—8377
Fraternity Conference,	L. T. Buckman, President—416
Stockbridge Club,	P. W. Latham, President—416
Interclass Athletic Committee,	O. G. Pratt, Secretary—8347

There are Seven Good Reasons why you should buy your

COAL
OF
C. R. ELDER

WOODWARD'S LUNCH

27 Main St., Masonic Bldg., Northampton, Mass.

Lunches, Soda, Ice Cream

Closed only from 1 A. M. to 4 A. M.

The Connecticut Valley Street Railway

From Amherst, via Northampton, through the Hatfields, past the foot of Sugar Loaf Mt., alongside the famous Bloody Brook battle ground to Old Deerfield, thence to Greenfield, Turners Falls and across the "Plains" to Lake Pleasant, Montague and Millers Falls.

50 Miles of Trackage—Modern Equipment—Train Dispatching System—Freight and Express Service over entire line.

Connecticut Valley Street Railway Company

Jacob Reed's Sons are the leading manufacturers of

UNIFORMS

For college and military schools, and have won and maintain their prestige by sheer merit. The uniforms worn at Massachusetts Agricultural College are finished examples of our product.

JACOB REED'S SONS.

Makers of "Gold Medal Uniforms."

1424-1426 Chestnut St., Philadelphia, Pa.

FOUNTAIN PENS

Moore's Swan's Waterman's

Thirty-six dozen pens to select from.

—OUR RULE—

"Satisfaction guaranteed or money refunded."

DEUEL'S DRUG STORE

COLLEGE SHOES

We carry the largest stock in the state outside of Boston.

MODERN REPAIR DEPT.

E. M. BOLLES
THE SHOEMAN

CARS

Leave M. A. C. for Holyoke at 7-20, 8.10, 9.10, 10-20, and at 20 minutes past the hour until 11-20 P. M.

CARS

Leave Amherst for M. A. C. at 6.05, 6.25, 7-00, 7-30, 8-00, 8-15, 9-15, 9-30, 10-15, 10-30, 11-15, 11-30, 12-30, 12-45, 1-30, 1-45 and at 45 minutes past the hour up to 9-45, and at 10-30 and 11.00 P. M.

Last car at 12-30 A. M.

Special Cars at Reasonable Rates

AMHERST & SUNDERLAND ST. RY. CO

THE TECHNY PARLOR
Cleansing Pressing Repairing
Quickest Service, Best Work, Lowest Price
All work carefully done. Work called for and delivered. Gents' overcoats, suits, pants and coats. Ladies' fine linen suits a specialty.
Teams will call every day at M. A. C.
WM. FRANKLIN, Prop.
Rear Nash Bl'k, Amherst. Tel. No. 341-4

Amherst CO-OP LAUNDRY

High-Grade College Work

Shirts,	10–15c
Collars,	2 1-2c
Cuffs,	2 1-2c
Plain wash,	48c per doz.
Same, rough dry,	30c per doz.

DRY CLEANING AND PRESSING

Steam Pressing 40c, 3 Suits for $1.00
Dry Cleaning and Pressing, $1.50 a Suit

All bills payable at Co-op. Store and parcels left there will receive prompt attention.

GRAYSON '17, Agent
HIGGINBOTHAM '17, Asst. Agent

LIBRARY of the Mass. Agricultural College 1917

THE MASSACHUSETTS COLLEGIAN

MASSACHUSETTS AGRICULTURAL COLLEGE

Vol. XXVII. Amherst, Mass., Tuesday, February 6, 1917. No. 17

VARSITY QUINTET WINS IN OVERTIME GAME WITH N. H.

Pond Breaks Deadlock in Final Minute of Play. Score 22-21. Return Game Saturday.

In a close game that lasted into a five minute overtime period, the varsity basketball team came through with a victory over New Hampshire State at Durham Friday night, score 22–21. Not until the final minute of play was the maroon team able to get the necessary point to win, when Pond caged a pretty shot from the center of the floor, breaking the deadlock.

The New Hampshire quintet started with a rush, Hawkes scoring almost immediately from a pretty formation. Badger dropped in a free try, and Hawkes dropped in a basket from off the backboard on the next play, totaling five points against the M. A. C. team before they were well aware that the game was under way. While New Hampshire was piling up four points from the foul line, the Aggie team came to its own, Pond dropping in two and McCarthy caging a difficult one from the corner of the court. F. Grayson added two more points on a clever shot from the center of the floor, but Stevens put his team one point in the lead at the close of the half by scoring a long basket. The standing at the close of the half being 11 to 10. The passing of both teams during the first half was fast, and the intercepting of the Aggie guards was a revelation.

Both teams secured three baskets from the floor in the second half. Pond and F. Grayson got two clean ones and McCarthy tallied another from a pretty formation. This half closed with the standing 19 to 19. A five minute over time was decided upon, and Hawkes, who was easily the individual star of the New Hampshire team, dropped in a pretty basket. E. Grayson scored a foul shortly after making the score 20 to 21, with the balance one point in favor of the home team. Pond came through with a pretty basket from the center of the floor, which won the game with one minute to play.

The game was exceptionally fast and the passing of both teams was clever. Sedgwick played a fine defensive game, intercepting most of

[Continued on page 3]

COMPLETE PROGRAM FOR ALUMNI DAY

FRIDAY, FEBRUARY 9

8-10 A. M. to 12 M.—Alumni Address Classes.
1-10 to 4-00 P. M.—Alumni Address Classes.
4-10 P. M.—Alumni Forum, Stockbridge Hall.
5-30 P. M.—Alumni Dinner, Draper Hall.

SATURDAY, FEBRUARY 10

8-00 A. M. to 12 M.—Inspection of Campus.
3-00 P. M.—Basketball, M. A. C. vs. N. H. State.
4-00 P. M.—Interfraternity Relay Races.
7-00 P. M.—Fraternity Initiation Banquets.

EVERYTHING IN READINESS FOR ANNUAL ALUMNI DAY

Graduates to Lecture Friday. Students May Exchange Classes. Interesting Program for Forum.

The motto of Alumni Day, Friday, Feb. 9, is evidently "something doing every minute" from the alumni lectures beginning at 8-10 in the morning until the last note of the musical clubs concert at night. It has been arranged to have different alumni address the regular classes on Friday, so that the day will be a succession of "major talks." In order that students may exchange classes to hear the lectures by graduates in whom their are chiefly interested, a special cutting privilege has been provided. The alumni headquarters will be in the Social Union rooms where they should register as soon as possible. After the regular class schedule there is to be an Alumni Forum at 4-10. President Butterfield is to be the moderator at the forum and has an interesting program of topics for discussion. When the orators have finished their debating the meeting will adjourn to the Commons.

Every event where there are a lot of "tumblers" is more or less of a circus. The program for the Alumni supper at Draper Hall Friday evening, at 4-30 promises to be one of the most interesting entertainments of this kind experienced for some time The dining hall is expected to be filled with a capacity audience that evening. As voiced in a previous announcement it is expected that all students not eating at the Commons will show their interest by being there at this occasion. The members of the faculty are cordially invited to be present.

Continued on page 6]

HOCKEY TEAM TO MEET WILLIAMS SEPTET SATURDAY

Purple Seven Lost to Yale 3-2. Especially Strong on the Offense. Probable Line-ups.

The varsity hockey team leaves Friday morning for Williamstown for the annual Williams contest, and from the creditable manner in which West Point and Yale were handled the Purple combination will be presented with an interesting game.

In comparing the teams, so far as men are concerned, Williams has a team composed almost entirely of veterans from last year, five out of the seven regulars having won their letter, while M. A. C. has but two, L. Ross and Buttrick. Williams is largely an offensive team with Capt. Rochester at rover, a fast man, forming the mainstay, while Hegardt at center has contributed largely to the team's scoring. The Berkshire septet, however, shows its well balanced ability in Brown and Collins forming the best pair of Williams backs for several years, and a clever goal keeper in Hatch who is especially capable on close range shots. So far Williams has won from R. P. I. 7–1, but was defeated by Princeton in December 2–1, and Yale 3–2. The Yale game forms

[Continued on page 7]

VICTORY COMES TO M. A. C. IN THREE MAJOR SPORTS

Three victories in two days—that shows the way the Aggie varsity teams are travelling. Friday night the basketball five won a hard game from N. H. State, 22–21, while Saturday saw a 2–1 hockey victory over West Point and a winning relay race against Worcester Tech at the B. A. A. games.

SENIORS ELECT BUCKMAN FOR CLASS PRESIDENT

Committees and Class Day Officers Chosen. Levy Tax of $25 per Man for 1917 Gift.

The following class officers were elected at the senior class smoker held in the Social Union room last Wednesday night: President, Lewis T. Buckman, Wilkes-Barre, Pa.; vice-president, David H Buttrick, Arlington; secretary, John T. Dizer, East Weymouth; treasurer, Samuel F. Tuthill, Mattapoisett; captain, Emory E. Grayson, Milford; Sergeant at arms, Robert S. Boles, Dorchester; class orator, Lincoln D. Kelsey, West Hartford, Conn.; campus orator, David H. Buttrick; ivy orator, Robert C. Westman, Roslindale; chairman of class day committee, Almon W. Spaulding, Newton; chairman of cap and gown committee, Roland W. Rogers, Braintree; chairman of picture committee, Richard W. Smith, Pittsfield.

A tax of $25 was levied on each member of the class, $5 payable annually for five years, for the purpose of obtaining a class gift. A very lively discussion was conducted over the issue of stocking the college pond with gold fish as a class gift and the merriment of the evening was by no means lessened by the staging of a mock trial in which, Buttrick was judge; Warner, clerk of court; Bolles, constable; Kelsey, district attorney; Buckman, counsel for the defence; and Westman, foreman of five intelligent jurors.

The Senior Class Day committee has been appointed by the chairman as follows: Babcock, Bonn, Dickey, Flint, Irving, Nelson, Noyes, Pratt, Saville, Warner, Whitcomb, Whitney, Wilcox.

The chairman of the picture committee has chosen Boyce and Walbridge as other members.

FORM NORTH SHORE CLUB

The North Shore M. A. C. club was formed in the Social Union, last Tuesday evening. The purpose of the club is to instigate more interest in M. A. C. among high school men along the North Shore. Sidney Malloy '18 of Lynn was elected president and Oliver G. Pratt '18 of Salem, secretary-treasurer. At the next meeting a committee is to be appointed to look the men in North Shore high schools who are coming up here and to try and get more if possible.

Library of the Mass. Agri. College

DEFEATS WORCESTER

Maroon Relay Team Outruns Tech Men. Time 3.19

Saturday night at the B. A. A. athletic games M. A. C. rounded out a week of victories when the four-man relay team covered the 1560-yd. distance in three minutes and nineteen seconds, beating Worcester Polytechnic Institute by 25 yds. The race was never in doubt after the first lap had been run and the time could undoubtedly have been lowered by several seconds if the Aggie men had been pushed at all.

Worcester won the pole on the toss and started with Green as the first man. He lead Bainbridge, running first for M. A. C., by about a yard at the first bank but before the second bank Bainbridge was even and the two ran neck to neck on the second and third banks. On leaving the third bank Bainbridge swung to the outside of the track and was passing his man on the straightaway when the latter dropped his baton and before he could recover it Bainbridge had secured a good 15-yd. lead which he kept for the next two laps and handed over to Clough, running second for M. A. C. Clough increased the lead slightly over Knowlton, and Schmidt, running third for W. P. I., was unable to gain any distance on Yessir. Pratt, as anchor man for M. A. C. received a 20-yd. lead and in his 390 yds. drew still further away from Francis, crossing the line a good 25 yds. in the lead.

The passing of the batons by the M. A. C. men as well as the way they took the banks showed the results of Coach Dickinson's work since the last meet, and with two more weeks of good practice the team should be in fine condition for the next race.

Capt. Pratt was also entered in the 600-yd. run and fooled the dopesters by taking first place in the second heat, running with a 15-yd. handicap. The track was crowded in this event and Pratt contented himself with hugging the inside of the track, well back in the bunch until the last part of the final lap when he started to sprint and slipped by the last man at the tape. In the final heat he used the same tactics but when coming off the last bank he bumped another runner and lost his stride long enough to fail to place.

Dave Caldwell ex-'13 was also entered in several events but was not up to his usual form and did not win out.

TO DISCUSS AG. EC. MAJOR

Since the sophomore class has decided to abolish major talks, Dr. Cance of the agricultural economics department is to give those sophomores interested in the work an opportunity to gather some idea of the prospects of an economic major in Clark Hall B Wednesday evening at 7 P. M.

SENIORS TIE SOPHOMORES IN INTERCLASS SERIES

At the interclass basketball games Friday night, the seniors tied the sophomores for the series so far by defeating them 18-15 in a hard fought game. The seniors obtained their lead in the first half and continued to hold it by a slight margin through the game. Walter Mack was high man for '17 with three goals from the floor and six foul goals to his credit. Crowe shot seven goals from free tries and one from the floor.

The line up:

SENIORS.	SOPHOMORES.
Harlow, lf	rg, Whittle
Kelsey, rf	lg, Williams
Mack, c	c, Blanchard, Batchelder
Day, lg	rf, Peterson, Vickers
Rorstrom, rg	lf, Crowe

Score:—Seniors 18; Sophomores 15. Goals from floor—Mack 3, Kelsey 2, Harlow, Vickers, 2, Crowe, Peterson. Goals from free tries—Mack 6, Crowe 7. Referee—Ashley of Amherst. Scorer—Wing. Timer—Odams. Time—20-minute halves.

1918 vs. 1920.

The freshmen defeated the juniors by the same score of 18-15. It was due to the superior team work of 1920 that they were able to carry off the laurels since the individual play of Minor and Gillette of '18 was very noticeable. Berman showed up well for the freshmen.

The line-up:

FRESHMEN.	JUNIORS.
Graves, lb	rg, Lipshires
Taylor, rf	lg, Gray
Armstrong, c	c, Cotton
Littlefield, Levine, lg	rf, Minor
Berman, rg	lf, Gillette

Score:—Freshmen 18, Juniors15. Goals from the floor—Armstrong 2, Berman 3, Graves, Taylor, Minor 4, Gray. Goals from fouls—Berman 2, Armstrong 2, Gillette. 5. Referee—Ashley of Amherst. Scorer-Wing. Timer—Odams, Time—20-minutes halves.

WILBRAHAM DEFEATS 1920

The freshmen basketball team was defeated last Saturday afternoon by Wilbraham Academy in the Smith memorial gymnasium at Wilbraham. The game was about all that could be expected in the line of basketball, being clean and fast from start to finish.

The line-up:

WILBRAHAM.	FRESHMAN.
Seymore, lf	rg, Steadman
C. Stephens, rf	lg, Lent
Hunt, c	c, Harrington, Richards
Seavey, lg	rf, Richards, Vigezzi
Murphy, W. Stephens, rg	lf, Lothrop

Score—Wilbraham 30 freshmen 17. Goals from floor—Seymore, Hunt 6, C. Stephens 2, Harrington 3, Richards, Lent, Steadman. Goals from fouls—Seymore 2, Lothrop 5. Time—20-minute halves.

NEW WEATHER MAN

The meteorological department is now under the charge of William P. Saunders '17 of Lawrence. James S. Sims of Melrose, the former "weather man" has left college, intending to enrool at Yale in the Fall.

Specialists in

Students' Needs

FOR generations we have served the college men and students of all New England and we know their requirements.

Our stocks of Student Clothing, Haberdashery, Shoes, Athletic and Sporting Goods, Jewelry, Rugs, Desks and Books are complete and moderately priced.

Sole Agents in Boston for the justly famous

Society Brand Clothes

Free delivery to Amherst of any purchase—large or small.

JORDAN MARSH COMPANY
Boston

Dr. L. O. Whitman
21 Pleasant St., Amherst, Mass.
Office Hours: 1-3, 7-8 p. m. Sunday and other hours by appointment.

Eyes Examined
Glasses Furnished
OSCAR L. McCULLOCH
54 Suffolk St. Holyoke, Mass.

Croysdale Inn
SOUTH HADLEY, MASS.
Good Beds and Good Things to Eat.
Telephone 2028-W, Holyoke.

FLEMING'S SHOE STORE
Northampton

Cox Sons & Vining
72 Madison Ave., New York

Caps
Gowns
Hoods
for all Degrees

ROBES FOR JUDICIARY, CLERGY AND CHOIR

FLOWERS AND PLANTS
Grown by the Floricultural Dept.
We offer our surplus stock of cut flowers and plants at reasonable rates to students and faculty. This stock is grown in modern houses under ideal conditions. Roses, carnations, violets, chrysanthemums and sweet peas in season.
GROWN ON THE CAMPUS
Telephone 300

RAHAR'S INN
Northampton, Massachusetts
EUROPEAN PLAN
The Best Place to Dine
All Kinds of Sea Food
Special luncheon from 11-30 to 2 p. m.
A la carte service
6-30 a. m. to 11-30 p. m.
R. J. RAHAR, Prop.

The "Nonotuck"
HOLYOKE'S LEADING HOTEL
Club Breakfasts, 25c to 75c
Business Men's Luncheon, 60c
Sunday Table d'Hote Dinner, $1.25
GORHAM BENEDICT, Mgr.

ARMY FALLS BEFORE FAST MAROON PUCK SHOOTERS

The Army hockey team went down to defeat at the hands of the maroon seven, in a close game played at West Point last Saturday afternoon. In spite of the perfect ice conditions, neither septet displayed particularly good form. Especially during the first half was the "Aggie" forward line lacking in aggressiveness. Both teams scored a tally in this session. House, the clever Army rover, shot a goal from a scrimmage in front of the "Aggie" cage after seven minutes of play, while the M. A. C. count was registered by D. Ross with a long hard shot from the center of the rink. The half closed with the score one and one. The winning goal was scored by D. Ross, after seven minutes of play in the second period, who broke through the Army forwards and shot a pretty goal past their defence. After this both teams tightened and there was no further scoring.

The line-up:

M. A. C.	WEST POINT.
Buttrick, g	g, Nichols
L. Ross, p	p, Armstrong
D. Ross, cp	cp, Murray
Chisholm, r	r, House
Stiles, c	c, Ford
Richardson, lw	rw, Durfee
Seavey, rw	lw, Sareka

Score—M. A. C. 2, West Point 1. Goals—first half, House 7.09, D. Ross 16.35; second half, D. Ross 8.25. Referee—Lieut. Purdon. Timer—Cadet Jauk. Time—25 and 15-minute periods.

Professors William D. Clark of the forestry and Orton L. Clark of the botany department and George H. Chapman assistant vegetable pathologist at the experiment station have been suggested as possible candidates for the office of Amherst tree warden to succeed Dr. George E. Stone.

DR. GEO. A. HASWELL
Osteopath
Central Chambers, Center Street,
Northampton, Mass.
Phone 1027-W

AMHERST SHOE SHINE PARLOR
The Best Shine in Town.
—Also—
Shoe Repairing
Neatly and quickly done.

PLAZA
Northampton, Mass.
Where the Best
Photo-Play Features ...
Are shown.
PROGRAM CHANGED DAILY

VOTE TO COMPLETE FENCE

Athletic Committee Also Amends Eligibility Rule. Adopts Basketball Insignia

A motion was passed at a meeting of the Joint Committee on Athletics to complete the enclosing of the athletic field by building a fence on the east side. Work will be started in the spring as soon as weather conditions will permit, with the end in view of having the field completely enclosed for the Amherst game.

The following amendment was made to the eligibility rule, "All students playing on outside teams during the school term without first abtaining permission from the physical director, shall be declared ineligible to represent the college in intercollegiate competition."

The basketball insignia was decided upon as a four inch block "M" with a two inch "B" on either side.

TICKETS FOR PROM SHOW TO GO ON SALE THURSDAY

It is often said that coming events cast their shadows and so it is with this year's Roister Doister production "The Arrival of Kitty" to be presented as a feature of the Junior prom. This is one of the funniest comedies ever written, with many humorous and complicated situations which the members of the cast are portraying with marked ability. The costumes for the "ladies" are made expressly for the production by C. W. Ware of Boston and, are in the latest modes. Scenery is being painted by Seymour Parker, the scenery artist at the Northampton Academy of Music and constructed by J. Albert Boudway of the same company.

Tickets go on sale Thursday at 12-30 P. M. in the Y. M. C. A. office and may be reserved until Saturday of the week following when they will be placed on sale at Deuels drug store. The managment hopes that every student will try to see this promised star production, for expense has been ignored in order to get a quality show in every way. Here is a chance to see the prom girl, the junior in his swell clothes and a fine theatrical performance for the price of a trip to Springfield.

A performance is to be given in Sunderland Friday evening, Feb. 16 and trips to various towns and cities are being arranged by Manager Williams for the week ends following the Prom show.

MICROBIOLOGY SMOKER

At seven o'clock Wednesday evening the Microbiology club will hold a smoker in the Social Union. Dr. Gage will speak on the subject "Artificial cultivation of tissues outside of the body." This subject will be interesting to all because of the practical use it has been recently put to in European hospitals. Sophomores considering microbiology as a major are especially invited to attend.

Semi-Annual Clearance Sale

$3 and $4 Derbys and Soft Hats. . . . . **Now $2 and $2.50**
Aquascutum Overcoats, Regular Price $28 to $35. **Sale Price $20 to $25**

PATRICK MACKINAWS
Regular Price $ 0 and $12. . . . **Now $7.50 and $8**

Sheep Lined Coats, Regular Price $18 to $21,
Sale Price $13.50 to $15.50

—At—

CAMPION'S COLLEGE STORE
For 10 Days Only

—Come to us for—

Fireplace Goods, Coat and Trouser Hangers
Ever Ready Flash Lights and Paint
Clothes and Shoe Brushes
Anything in Hardware and Cooking Utensils

Always glad to see you.

THE MUTUAL PLUMBING & HEATING CO.

BURPEE REGISTERED VAB TRADE MARK The Seal of Quality
Burpee's Seeds Grow
FOR forty years we have rendered faithful service. For forty years we have tried to make each year's service more nearly ideal. This untiring effort has built for us not only The World's Largest Mail Order Seed Business, but also a World Wide reputation for Efficiency and undisputed leadership. The Fortieth Anniversary Edition of **Burpee's Annual**, *the* **"Leading American Seed Catalog"** is brighter and better than ever. It is mailed free. A postcard will bring it.
W. ATLEE BURPEE & CO., Seed Growers,
Burpee Buildings Philadelphia

Page's Shoe Store
Largest Stock—Lowest Prices
Expert Repairing—Best leather used

JACKSON & CUTLER
—DEALERS IN—
Dry and Fancy Goods and Choice Family Groceries

THE MASSACHUSETTS COLLEGIAN

Published every Tuesday evening by the Students of the Massachusetts Agricultural College.

BOARD OF EDITORS.

RICHARD W. SMITH '17, Editor-in-Chief
MARSHALL O. LANPHEAR '18, M'ging Editor
MILFORD R. LAWRENCE '17, Assistant Editor
WILLIAM SAVILLE, JR. '17, Alumni Editor

ASSOCIATE EDITORS.

JOHN T. DIZER '17
JOSEPH F. WHITNEY '17
FRANK J. HINKS '18
NATHAN W. GILLETTE '18
ELIOT M. BUFFUM '19
MYRTON F. EVANS '19

BUSINESS DEPARTMENT.

MERRILL P. WARNER '17, Business Manager
JAMES C. POWELL '18, Assistant Business Manager
BIRGER R. ROSEQUIST '18, Advertising Manager

Subscription $2.00 per year. Single copies, 8 cents. Make all orders payable to **Merrill P. Warner.**

In case of change of address, subscribers will please notify the business manager as soon as possible.

Entered as second-class matter at the Amherst Post Office.

Vol. XXVII. Tuesday, Feb. 6. No. 17

THREE years of military training do not constitute a compelling force to make college men eager for war. Quite often it only serves to convince them that war is everything that General Sherman said it was, and more. Thus the position of the United States in the present world situation cannot fail to challenge the attention of every student in a land grant college, because, in the event of serious trouble, theirs will be an important part to play in the volunteer military system of the country. Aggie men know well enough what will be expected of them when the emergency comes, and their record in years past insures their doing their part with credit. But now it is time to think quietly of what the obligations of military service really mean and to make sure that enthusiasm doesn't get the better of sound judgment.

THE program as arranged for this year's Alumni day offers some striking innovations which will mark it as a step in advance of all previous efforts. Chief of these is the plan to have a series of real live "major talks" by Aggie graduates who have used successfully the training which they received here. The men of the undergraduate body have now an opportunity to learn about their chosen vocations from first hand and with the emphasis put upon the practical requirements involved. To any man who looks forward to preparation for some definite work in the world these talks should prove invaluable. For the returning alumni there will be plenty of things to make them feel glad they came. The first varsity basketball team in eight years will line up against New Hampshire for what should be one of the best games of the season. The alumni dinner, the concert, and the fraternity banquets all will contribute their full share toward the enjoyability of the occasion. Let every man on the campus do his part toward making Friday and Saturday a real Aggie home coming.

CAMPUS CALENDAR

WEDNESDAY, FEB. 7

2-10 P. M.—Assembly. President Kenyon L. Butterfield.

5-00 P. M.—Interfraternity Relay Races.
ΦΣΚ vs. ΚΣ
ΚΓΦ vs. ΘΧ
ΣΦΕ vs. ΒΚΦ

5-00 P. M.—Varsity Hockey, Springfield Y. M. C. A. College, Springfield.

7-00 P. M.—Agricultural Economics Club meeting, Clark Hall. Room B. Speaker, Dr. Cance.

6-45 P. M.—Stockbridge Club—102 Stockbridge—Business.

7-00 P. M.—Microbiology Club Smoker, Social Union.

THURSDAY, FEB. 8

7-00 P. M.—Interclass Basketball Games Drill Hall.
1919 vs. 1920
1917 vs. 1918

7-00 P. M. Dramatics Rehearsal, Auditorium.

FRIDAY, FEB. 9

Alumni Day.

5-00 P. M.—Interfraternity Relay Races.
ΛΧΑ vs. ΣΦΕ
ΩΤΔ vs. ΑΣΦ

SATURDAY, FEB. 10

Alumni Day.

SUNDAY, FEB. 11

9-10 A. M.—Chapel, Rev. Abraham M. Ribbany, Church of the Disciples, Boston.

ABOUT THE CAMPUS

Winfield S. Beauregard '20 of Framingham has pledged Sigma Phi Epsilon.

Captain and Mrs. Fleet are expected to return to Amherst Sunday from their vacation spent in Washington, D. C., Atlanta, Ga. and New York City.

According to the monthly report of the meterological station here at the college we had in January 15 inches of snowfall and 25 days of sleighing. The temperature went up to 47.5° one day and reached its lowest Jan. 27 when it touched 3.5° below zero.

As a mark of appreciation to and respect for a man who is willing to face the severest of trials for the sake of an education, the student body at Friday chapel services, contributed $105 to be used in covering the major expenses of Satwaji Mutkekar of India who is undergoing an operation at Springfield.

As a part of the campaign for advertising the college to the high school pupils of the state, a copy of the 1918 *Index* has been sent to each high school in Plymouth, Essex, and Hampshire counties. That the college is expanding its out-of-state influence is shown by a letter from the Y. M. C. A. of White Plains, N. Y. to Field Agent Charles Gould '16 asking for views of the campus and to arrange for a speaker to address their "Go to college club."

COMMONS CLUB PLEDGES 25

The Following men have pledged Commons Club:

1917.	Quimby, Charles F.	Cape Neddick, Maine
1919.	Crane, Arthur F.	North Andover
	Erickson, Gunnar L.	Lynn
	Garde, Earle A.	Lynn
	Hodgson, Benjamin E.	Methuen
	Jewell, Charles H.	Merrimac
	Moor, Erwin C.	Lynn
	Moor, John R.	Tolland
	Parke, Robert W.	Winchendon
	Stevens, Horace D.	Waltham
	Stearns Chester D.	Reading
	Strack, Edward,	Framingham
	Woodard, Chester S.	Leverett
1920.	Babcock, Lester E.	Marlboro
	Ball, Harry A.	Bridgewater
	Blake, Robert A.	Wollaston
	Card, Ralph H.	Somerville
	Derick, Glendon R.	Clinton
	Haynes, Charles F.	Boston
	Hurd, Gordon K.	Millbury
	Lindquist, Harry G.	Holden
	McDonald, Milton C.	Peabody
	McNulty, Raymond H.	Amherst
	Plowman, George T. Jr.,	Winthrop
	Smith, Fred C.	Gardner

Professor John Phelan, A. M. Professor of Rural Sociology, has been elected to honorary membership in the Massachusetts chapter of Commons Club.

RESULTS OF SECOND MATCH

The unofficial score of the second match of the rifle team, shot for the week ending Feb. 3rd, was rather low. But the team was consistent in shooting because the total score, 922, was the same as in the first match.

The score:

	Standing	Prone	Total
F. H. Canlett,	91	100	191
A. B. Loring,	90	95	185
E. F. Parsons,	84	99	183
S. F. Tuthill,	86	96	182
C. R. Phipps,	86	95	181
Total,			922

ADDRESSES LANDSCAPE CLUB

William E. Philbrick of the office of Morell and Nichols, landscape architects, Minneapolis, addressed the students in landscape gardening Monday afternoon. Mr. Philbrick, who is a graduate of Massachusetts Agricultural college in the class of 1912, has had considerable experience in landscape work in the northwest and told the class of the advantages and disadvantages of work in that part of the United States.

'15.—Chester P. Spofford of Georgetown and Miss Susie M. Hazeltine were united in marriage in Haverhill, Jan. 2, Rev. Derbyshire officiating. Miss M. Disa King of Woonsocket, R. I. was maid of honor and R. F. McKechnie '15 best man.

Now that you know we're coming to Amherst—

Don't you want to make note of the place where we show and the date?

At the Amherst House:

Wednesday, February 21st

Complete showing of everything college men wear.

Prices same as in our stores in New York.

"Your money back" should anything go wrong.

Rain or shine "Scotch Mists" are fine.

MAIL ORDERS FILLED

ROGERS PEET COMPANY

Broadway at 13th St. | "The Four Corners." | Broadway at 34th St.
Broadway at Warren | | Fifth Ave. at 41st St.

NEW YORK CITY

AGGIE GRAD HAS STAR BASKETBALL QUINTET

Wilton High School, Wilton, N. H., stands first in the Southern N. H., Interscholastic Basketball League. There are six teams in the League and Wilton holds first place with a clean slate, having won six and lost none. Herbert H. Archibald '15, Principal of Wilton High School, who is coaching the team has invited the Aggie Freshman team to make a trip to Wilton and play the championship boys after the regular season is over. "Archie" brought his baseball team down last spring and is very anxious that the Freshman make the trip up there this winter.

STUDYING AGR. AT M. A. C.

Two Colombian students, Edward and James Sawyser of Bogatha, capital of Colombia are taking a special course in general agriculture at this college. They are sent by the Colombian government and are here under the care of the United States Department of Agriculture. After completing the course at this college they intend to go to the University of California where they are to take up tropical agriculture.

TUCKERMAN BOTANICAL CLUB

The Botany club will hold a regular meeting in Clark hall Feb. 8 at 8-00 P. M. Prof. A. K. Harrison will address the club on "Native New England Plants used for Ornamental Planting." Students interested in this subject are especially invited to come. All meetings are open and unrestricted. Visitors are cordially welcomed.

TO ADDRESS POM. SOCIETY

Professor Sears and Chenoweth will address the meeting of the Pomological society in Hartford, tomorrow. Professor Sears will speak on "Observations on a trip through the fruit growing sections of the West and South" while Professor Chenoweth will talk on "How to utilize the cheaper grades of fruit and vegetables."

WRITES BOOK ON FORESTRY

Prof. F. S. Moon, formerly head of the department of forestry at Aggie is author of a very attractive popular book on forestry just issued by Appleton & Co. of New York. The book is intended rather largely for the use of Boy Scouts and other young people who are fond of the woods and want to know something about the principles of forest conservation and management.

ALUMNI NOTES.

'09.—Wagner E. Geer, who has just completed two successful years as principal of the Huntington high school, resigned to accept a more lucrative position at Chatham.

'11.—Born on Dec. 13th, Charlotte Hannah to Mr. and Mrs. Herbert W. Blaney at their present home in Lowell.

TELLS OF ARMY LIFE "SOMEWHERE IN FRANCE"

Fred Mather ex-'17 with Canadian Troops in Picardy Expects Active Service Soon.

TO THE EDITOR OF THE COLLEGIAN:

It is at the wish of a number of 1917 men that I am sending an extract of a censored letter from Fred Mather, now with the Canadian forces somewhere in France:

"I do not write much concerning military life. It is forbidden to write or talk too much of military affairs. I have not been in the trenches yet although we are not far from them and can hear the noise and see the star shells at night. It will not be long, however, before we go in. We have been in training service since I left M. A. C. in March. I have had a mighty good time and it is not so bad, provided a man can get back with a whole skin. That is a chance we must expect to take. When the war is over, I expect to go back to M. A. C. and wonder sometimes if they will have the nerve to ask me to finish my military drill. From where I am now, I see that you fellows are wasting your time, contrasted with actual war conditions You would be surprised at the complexity of the work as brought out by the war. If I get through it O. K I ought to know quite a little about it. I spent several months of my army life as a signaler or training for it. We used flags, buzzer, telephone, lamp and heliograph and I became quite proficient in the work. Lately my mind has been on scouting and I expect to take that up as my specialty when we go into the trenches. The work consists of spending the biggest part of the dark hours in "No Man's Land" annoying "Fritz" as he is called by the "Tommies," as much as possible. Trenches are as near as 100 yards to each other so we do not have much more than ground enough to turn around on sometimes. Now I am doing, what is called by old times as 'hull shooting'. The old timers have it over us for a while and the "Somme" is continually dinned into our ears. There are probably hotter times coming and we will be able to talk over the next bunch of "raw recruits" that come along.

841735 Pvt. Fred Mather,
24 Battalion, Canadian Contingent,
B. E. F. France.

Fred gets the COLLEGIAN and so keeps in touch with M. A. C. and her progress. Nineteen-seventeen wishes him luck and awaits his return to his old haunts.

S. F. T.

SOPHS ELECT MANAGERS

Recent elections by the sophomore class are Manager of class track, Myrton F. Evans of Somerville; manager of class hockey, Arthur Chandler of Leominster.

TOWN HALL

MONDAY AND TUESDAY, FEB. 5 and 6
Fannie Ward in "For the Defense"
Strong Paramount play in 5 acts.
4th Episode of "Gloria's Romance" with Billie Burke
Black Diamond Comedy.
EXTRA! "A Day at West Point" with Uncle Sam's Cadets
WEDNESDAY AND THURSDAY, FEB. 7, 8
Frank Keenan and Charles Ray in "The Coward." Triangle play in 5 acts
Fatty Arbuckle in "THE WAITERS' BALL." A roaring comedy.
Paramount Pictograph.
FRIDAY AND SATURDAY, FEB. 9 and 10
Constance Collier in "The Code of Marcia Gray." Paramount feature.
"Our Middies at Annapolis"
Pathe News and Bray Cartoon.
Every Afternoon, at 3 o'clock, entire house 10c, children 5c.
Every Evening, at 8 o'clock, entire floor 15c, balcony 20c.
Box office opens at 2-30 and 7-30 o'clock.

UNITY CHURCH
NORTH PLEASANT ST.
A Church home of the liberal Faith, where every student will meet with a cordial welcome.
REGULAR SUNDAY SERVICE AT 7 P. M.

WHITE'S MUSIC STORE
HENRY K. WHITE
241 MAIN STREET, NORTHAMPTON
Mandolins, Genuine Hawaiian Ukuleles, Picks, Strings, etc., and music for all instruments and all voices. Instruments may be had on trial.

HOW IS THE SOLE WITH YOU?
Get your shoes tapped at
GINSBURG'S, Amity St.
Work neatly done Satisfaction guaranteed

I. M. LABROVITZ
The Leading Tailor and Gents' Furnishings
Full Dress Suits to Rent
Caps and Gowns for Sale or Rent
Also Ladies' Tailoring
Our Work is Guaranteed
We do Dyeing, Cleaning, Repairing and Pressing
PHONE 302-W
11 AMITY STREET, AMHERST, MASS.

The wise ones read our advertisements. It pays.
Every young man in this country today is ambitious—or he's a "dead one."

Our specialty is
Clothes for Young Men
that have pep.
MERRITT CLARK & CO., 144 Main Street, Northampton.

WHO SAID A MIDNIGHT LUNCH?
Make it on one of our small
Electric Grill Stoves
Easy to care for and no danger of fire
Also a good line of
STUDENT LAMPS AND APPLIANCES
RUMERY & FAY, Electricians

THE
United States Hotel
Beach, Lincoln and Kingston Sts.
BOSTON, MASS.
Only two blocks from South Terminal Station, and easily reached from North Station by Elevated Railway, and convenient alike to the great retail shops and business centre, also to the theatres and places of interest.
European Plan $1.00 per Day and Upwards
Table and service unsurpassed.
Booklet and map sent upon application
TILLY HAYNES, Proprietor JAMES C. HICKEY, Manager

WEBSTER'S STUDIO
Everything in Photography
GROUPS A SPECIALTY
Good work speaks for itself.
NASH BLOCK, AMHERST, MASS.

AMHERST BOOK STORE
Note Books Fountain Pens
Agents for Rex Typewriter
F. M. CURRAN C. F. DYER

MARSH'S SANITARY
Students' Furniture
RUGS AND CARPETS
—E. D. MARSH ESTATE—

ESTABLISHED 1853
STEPHEN LANE FOLGER, Inc.
MANUFACTURING JEWELERS
180 BROADWAY, NEW YORK
CLUB AND COLLEGE PINS AND RINGS
GOLD, SILVER AND BRONZE MEDALS

—JOIN THE BUNCH AT—
EPSTEIN'S TAILORING PARLORS
Now located over post office. Up one flight
Pressing and Cleaning a Specialty
Liberal Ticket System Tel. 36-M

College Stationery
With Class Numerals.
Magazines, Newspapers and Fountain Pens
A. J. HASTINGS
Newsdealer and Stationer

Gallup at Holyoke
293-297 High St.
—SELLS—
Hart Schaffner & Marx Clothes
Come down to Holyoke and see our big store.

S. S. HYDE
JEWELER & OPTICIAN
13 Pleasant St.
Oculists' Prescriptions Filled. Broken Lenses Accurately Replaced. Fine Watch Repairing Promptly and Skilfully Done. Satisfaction Guaranteed

PLYMOUTH INN
Northampton
Quiet and Comfortable—Every facility for
BANQUETS PARTY DINNERS
American and European Plans

"BIDE-A-WEE"
Creamed Chicken and Waffles
Our Specialty—And other good things to eat.
MRS. L. M. STEBBINS,
Middle Street, Hadley, Mass.
Tel. 415-W

The Highland Hotel
Corner of Hillman and Barnes Streets, three blocks from the Union Depot, is a modern hostelry run on the European Plan. It is just a step from Main Street, away from the noise and dust and yet in the center of the business district.
Its rooms are well furnished and comfortable, having a telephone and hot and cold running water in every room. Prices $1 and up; rooms with bath (single) $1.50 and up.
Its excellent cuisine and well ventilated dining room makes a meal a pleasant memory—everything of the highest quality, well cooked and served in the best possible manner.
Stay at the Highland Hotel once and you will anticipate staying there again. Music every evening.
D. H. SIEVERS,
Highland Hotel, Springfield, Mass.

AMHERST GARAGE CO., INC.
Automobile Supplies
REPAIRING IN ALL ITS BRANCHES VULCANIZING

Batchelder & Snyder Co.
PACKERS AND POULTRY DRESSERS
WHOLESALE ONLY
Beef, Mutton, Lamb, Veal, Pork, Hams, Bacon, Sausages, Poultry, Game, Butter, Cheese, Eggs, Olive Oils.
Blackstone, North and North Centre Streets.
BOSTON, ... MASS.

F. A. SHEPARD
MEN'S STORE
Shoes Hats Furnishings
Local Agent for
E. V. PRICE CO., LAMM CO., BROWNING, KING & CO., Custom Tailors
OUR DISCOUNT TICKET SAVES YOU 5%

Carpenter & Morehouse,
PRINTERS,
No. 1, Cook Place, Amherst, Mass.

Dr. A. H. Daniels, D. O.
OSTEOPATHIC PHYSICIAN
305 LAMBIE BLDG., NORTHAMPTON, MASS.
Telephone

BUY YOUR
Dental Creams, Toilet Soaps, Shaving Powders, etc., of
A. W. HAMLIN, AMHERST, MASS.
Call at the Dorms and Fraternity Houses.

The Holyoke Valve & Hydrant Co.
Jobbers of Wrought Iron and Brass Pipe, Valves and Fittings for Steam, Water and Gas, Asbestos and Magnesia Boiler and Pipe Coverings, Pipe Cut to Sketch, Mill Supplies. Engineers and Contractors for Steam and Hot Water Heating, Automatic Sprinkler Systems, Boiler and Engine Connections. Holyoke, Mass.

BECKMAN'S
Candies and Ice Cream
"HAMP"

Seniors and Juniors
Now is the time to buy those
FILING CASES
For your Bulletins.

Johnson Book Co.
BABBITT WOODWORTH
Alpha Sigma Phi House.

ANNUAL ALUMNI DAY

[Continued from page 1]

The college orchestra and quartet will enliven the program with appropriate selections. The roll of speakers is one that will take the cake:

Toastmaster, Edgar E. Thompson '71.
Dr. Joseph B. Lindsey '83.
Dr. Homer J. Wheeler '83.
Dr. Joel E. Goldthwait '85.
Mr. Maurice A. Blake '04.
Dr. Arthur W. Gilbert '04.
Mr. Bertram Tupper '05.
Mr. Myron S. Hazen '10.

The management of the musical clubs warns you that the "traps" have been set in the Auditorium to "snare" alumni to an unexcelled manipulation of vocal cords, wood, wind, tympani, and stringed instruments. To descend to a lower form of speech this will not be one of the "D minor" affairs, in fact it is claimed that it will be the "whole note" of the occasion. The trick will be played at 7-30 "sharp," and it will take a great card to "trumpet."

Saturday morning the alumni will will have an opportunity to rest from their strenuous activities and look over the new buildings and alumni field. At 3-00 o'clock P. M. the varsity is scheduled for a basketball game with New Hampshire State. As a fitting climax to the week end will come the annual fraternity initiation banquets which are to be held as follows:

Phi Sigma Kappa at the Draper, 8 00.
Q. T. V. at the Perry, 7-30.
Kappa Sigma at the Nonotuck, 8-00
Beta Kappa Phi at the Warren, 7-15.
Kappa Gamma Phi at the Amherst House, 8-00.
Sigma Phi Epsilon at the Plymouth Inn, 7-00.
Theta Chi at the Nonotuck, 7-30.
Lambda Chi Alpha at Boyden's, 7-15.
Alpha Sigma Phi at the Plymouth Inn, 7-30.
Commons Club at Draper Hall, 7-00.

The schedule of alumni speakers for the class periods during Friday is as follows:

Friday Morning Program.

8-10—Agricultural Economics 26.
Sumner R. Parker '04, M.A.C. Extension Service.
E. F. Damon '10, M. A. C. Extension Service.

8-10 to 10-00—Poultry 75, 52.
Paul A. Davis '08 Newton, N. H.
Lawrence W. Burby '13, Ware.
John S. Carver '13, Instructor Essex County School.

9-10 to 11-00—Rural Sociology 51.
Fred D. Griggs '13, Asst. Secretary Hampden County Improvement League.

Agricultural Education 77, 76
Austin H. Fitts ex-'97, Sup't Schools, Norwood.
Daniel W. O'Brien '14, Agric. Instructor, Leominster.
Alfred L. Tower '14, Charlestown, N.-H.

Veterinary Science 51, 76.
Dr. John F. Winchester '75, Lawrence.
Dr. Milton H. Williams '92, Sunderland.

10-10 - Entomology 77.
Albert F. Burgess '95, Boston.

Entomology 25.
Dr. E. Porter Felt '91, N. Y. State Entomologist.

Journalism 51.
Robert S. Fay '13, Monson.
Fred D. Griggs '13, Ass't Secretary Hampden County Improvement League.
Carlton T. Upham '16, Fitchburgh *Daily News*.
Raymond Chamberlain ex-'16, Boston *Transcript*.

10-00 to 12-00—Mathematics 5.
T. F. Cooke '01, Teacher Pittsfield High School.
W. C. Kennedy '15, Essex County School.

11-10—Agricultural Economics 52.
E. F. Damon '10, M. A. C. Extension Service.
Saxon D. Clark '16, Buckfield, Me.

Friday Afternoon Program.

1-10 to 3-00—Division of Agriculture Seminar, Stockbridge Hall.
Evan F. Richardson '87, Millis.
George E. Taylor '02, Manager Shinglebrook Stock Farm, Shelburne.
Perley E. Davis '04, Originator of Davis Yellow Flint Corn.
John E. Gifford '04, County Agent, Tolland, Conn.
Joseph H. Putnam '04, Agric. Advisor, Franklin County.
Sumner R. Parker '04, M.A.C. Extension Service.
Paul E. Alger '09, Manager Fenton Brook Co., Great Barrington.
Warren L. Ide '09, Farm Superintendent, Gardner.
Frank T. Haynes '10, Sturbridge.
James D. French '13, Charlescote Farm, Sherborn.
Philip F. Whitmore '15, Sunderland.

1-10 to 3-00—Pomology Seminar, Wilder Hall.
George A. Drew '97, Manager Conyers Farm, Greenwich, Conn.
Maurice A. Blake '04, Horticulturist, N. J. Experiment Station. Illustrated Leeture.

1-10—Landscape Gardening 51.
Herbert A. Blaney '11 of Blaney & Blaney, Landscape Architects, Boston.

1-10 to 3-00—Geology 2.
Dr. H. J. Wheeler '83, American Agric. Chemical Co.
Stuart W. Moir '13, Yale Forestry School.

2-10—Botany 20.
Kenneth B. Laird '10, Instructor in Hartford High School.

3-10—Chemistry 2, and general seminar.
Dr. H. J. Wheeler '83, American Agric. Chemical Co.
Bernard H. Smith '99, Chemist Baker Extract Co.

4-10—Alumni Forum, Stockbridge Hall.
5-30—Alumni Dinner, Draper Hall.
7-30—Musical Clubs' Concert, Auditorium.

Copy of a Page from Father's Letter

(2)

no rain in October and the wheat is small and does not look like it would stand the winter well.

We finished husking yesterday. From the acre where we tried your theory about bone-meal and clover making the Potash available, we harvested 50 bushels of rather chaffy corn, and from the rest of the field, where we used bone, clover and 50 lbs. Muriate of Potash per acre, we husked out 70 bushels per acre of tip-top corn that is nearly all fit to sell on the ear for seed corn.

I figure that a ton of Muriate of Potash on 40 acres of corn will pay for a year's post graduate study for you and leave you a little spare change to chip in for athletics.

Mother and the girls are going to make a few days' visit to Aunt Sarah's

"Plant Food" is the title of a carefully compiled, comprehensive and scientifically accurate compendium of crop feeding, fertilizer mixing and conservation of soil fertility. Sent without charge upon application.
GERMAN KALI WORKS, Inc., 42 Broadway, New York
McCormick Block, Chicago, Ill. 25 California St., San Francisco. Empire Bldg., Atlanta, Ga. Whitney Bank Bldg., New Orleans, La.

E. B. DICKINSON, D.D.S.
DENTAL ROOMS
Williams Block, Amherst, Mass.
Office Hours: 9 to 12 a. m., 1-30 to 5 p. m.

LAST CALL!
Chocolates for the Prom
ORDER NOW
See Chambers '18,
Alpha Sigma Phi House

HENRY ADAMS & CO.
The REXALL Store

A Bigger, Better Cream Separator
FOR THE SAME MONEY
THE FARMER who buys a De Laval this year will get better value than ever before. Not only will he get a better machine, a simpler machine, a machine that will skim even closer than any previous De Laval, but he will get a machine of larger capacity.
And the price has not been increased one cent.
Just think what that means to cow owners in the face of rising prices on almost everything else the farmer has to buy, including other cream separators.
Only the tremendous volume of De Laval sales makes it possible to give the farmer more for his money when others are giving less.

New Catalog will be mailed upon request
THE DE LAVAL SEPARATOR COMPANY
165 BROADWAY, NEW YORK 29 E. MADISON ST., CHICAGO

Ancient Farming

Herodotus, in the year 450 B. C., said that good cultivation yielded two-hundredfold in the Valley of the Euphrates. Even in that land of Eden, poor cultivation yielded but fiftyfold.

In 1898, the average Wheat yield per acre in New York State was 21.2 bushels; in 1907, 17.3 bushels per acre; in 1912, but 16 bushels.

European yields are more than double.

Isn't it time for our farmers to get down to business methods? Home Mixed Fertilixers will help.

Write for Books
WILLIAM S. MYERS, Director
25 Madison Avenue, New York

TO PLAY HARTFORD HIGH

Next Saturday, Feb. 10, the M A. C. freshman hockey team will cross sticks with Hartford High at Hartford. Both teams have met Loomis Institute in hockey this winter, and the Connecticut boys seem to have the better of argument so far as comparative scores go. However, coaches Mansell and Harding have kept their charges working constantly for the last two weeks and expect to present a smooth working team to the Hartford boys.

TO MEET WILLIAMS SATURDAY

[Continued from page 1]

the only basis of comparing the actual performances of the teams. Yale nosing out the Maroon and White by a 4-3 score two weeks after their Williams victory. Practice has been out of question this week because of unfavorable weather but the hill men are in the same predicament.

The probable line-up will be:

WILLIAMS	M. A. C.
Hatch, g	g. Buttrick (capt.)
Brown, p	p, L. Ross
Collins, cp	cp, D. Ross
Rochester (capt.), r	r, Chisholm
Banks, lw	lw, Richardson
Mann, rw	rw, Seavey
Hegardt, c	c, Stiles

SHEEP SKIN COATS AND ULSTERS
at the lowest prices in the state. Incidentally we have the best assortment that you have seen.

Custom Made Reversible Collared Shirts
From $1.25 to $4.00
Some real values.

Freshmen Toques, 60 Cents

SANDERSON & THOMPSON
Hart Schaffner & Marx Clothes

School and College Photographers . . .
White Studio
LOCALLY: 52 Center St., Northampton, Mass., and South Hadley, Mass
MAIN OFFICE: 1546-1548 Broadway, New York City
These Studios offer the best skilled artists and most complete equipment obtainable

Insure Your Crops and Your Profits
Write today for prices on
E. Frank Coe Fertilizers
1857 The Business Farmers' Standard for Sixty Years 1917
Ask For Our Crop Books. We Want Reliable Agents in Unoccupied Territory
Address Agency Manager
THE COE-MORTIMER COMPANY
Subsidiary of the American Agricultural Chemical Co.
51 CHAMBERS STREET . . . NEW YORK CITY

1916 NOTES

Important note: 1916 is the first class since 1913 to graduate without a Smith. This matter should be investigated. Why cannot the Smiths in Massachusetts find what they want at Aggie?

The class will now gather around the bonfire and burn their physics books. Eddie Selkregg has passed the course. Three large victorious cheers for Ed. It is our proud record that no Sixteen man has ever graduated without getting the big three. They don't all go down on the first ball, but many a spare leave has been cleaned up to the queen's taste.

Open letter to Bill Ryan. "Dear Bill: It's a shame to have a man of your talents so blooming silent. Of course we realize that life in Stoughton has its deficiencies, but lack of time can't be one of them. Do you ever hear from Fred Barnes, Cap Boyer, Romey, Jordan, Locke, Jimmy Nick, Gawk, or Swan? Neither do we. Be a sport and help your postmaster toward a raise in pay."

Don Sherinyan has recently returned from the New York Auto Show and a couple of weeks at the Chev. factory accumulating "pep". The more of some things a man has the more he wants, it seems.

Regular bulletins from Blanpied and Audy in San Acacio, Col. report everything lovely. Nubs has started a hockey team in a nearby town, Andy writes. Some of those who responded to the call for tryouts had never heard of the game.

Cardarelli is with A. N. Pierson of Cromwell, Conn., working in the greenhouses and traveling about on landscape work. "John is going to New York in March to help put up the firm's exhibition at the Flower Show.

Last address listed by Bill Estes is 1417 McKennie Ave., Nashville, Tenn. He will be there until March as foreman of construction work on the development of an estate.

VARSITY WINS FROM N. H.

[Continued from page 1)

the New Hampshire passes.

The lineup:

MASSACHUSETTS.	NEW HAMPSHIRE.
McCarthy, lf	rg, Davis, Prentis
Pond, rf	lg, Aullisa
E. Grayson, c	c, Hawkes
F. Grayson, Parkhurst, lg	rf, Stevens
Sedgwick, rg	lf, Badger

Score—M. A. C. 22, New Hampshire 21. Goals from floor—Pond 4, McCarthy 2, F. Grayson 2, Hawkes 3, Badger 2, Davis, Stevens. Goals from fouls—E. Grayson 6, Badger 5, Davis 2. Referee Oswald Tower. Timer—Stevens, Time—20 minute halves. Five minute over time.

Saturday afternoon at 3-00 P. M. these same teams will clash on the Drill hall floor. Probably both quintets will present about the same lineups as those used last Friday so a fast game is assured.

The Massachusetts Agricultural College

Offers courses of instruction in twenty seven teaching departments, which embrace the study of

Agriculture, Horticulture, Science, Humanities and Rural Social Science.

A student may specialize in the following subjects:

Agriculture, Agronomy, Animal Husbandry, Dairying, Poultry Husbandry, Rural Journalism, Floriculture, Forestry, Landscape Gardening, Pomology, Agricultural Chemistry, Agricultural Economics, Economic Entomology, Microbiology, Economic Botany, Agricultural Education, Rural Sociology

For complete catalog and illustrated booklet, write

KENYON L. BUTTERFIELD, PRESIDENT
AMHERST, MASS.

COLLEGIAN DIRECTORY

	Telephone
Associate Alumni,	C. A. Peters, Secretary—454-W
Joint Committee on Intercol. Athletics,	H. M. Gore, Secretary—403-M
M. A. C. Athletic Field Association,	C. S. Hicks, Treasurer—403-M
Non-Athletic Association,	H. E. Robbins, Manager—res. 62-W
The College Senate,	L. T. Buckman, President—416
Football Association,	J. A. Chapman, Manager—8314
Baseball Association,	R. D. Hawley, Manager—8314
Track Association,	O. S. Flint, Manager—544-M
Hockey Association,	M. R. Lawrence, Manager—8347
Basketball Association,	N. Moorhouse, Manager—8364
Rifle Club,	S. F. Tuthill, President—416
Roister Doisters,	A. F. Williams, Manager—8364
Musical Association,	D. M. Lipshires, Manager—416
Nineteen Hundred Eighteen Index,	K. L. Messenger, Manager—8347
Nineteen Hundred Nineteen Index,	E. M. Buffum, Manager—8364
M. A. C. Christian Association,	D. O. Merrill, President—416
M. A. C. Catholic Club,	J. H. Day, President—8377
Fraternity Conference,	L. T. Buckman, President—416
Stockbridge Club,	P. W. Latham, President—416
Interclass Athletic Committee.	O. G. Pratt, Secretary—8347

There are Seven Good Reasons why you should buy your

COAL
OF
C. R. ELDER

WOODWARD'S LUNCH

27 Main St., Masonic Bldg., Northampton, Mass.

Lunches, Soda, Ice Cream

Closed only from 1 A. M to 4 A. M

The Connecticut Valley Street Railway

From Amherst, via Northampton, through the Hatfields, past the foot of Sugar Loaf Mt., alongside the famous Bloody Brook battle ground to Old Deerfield, thence to Greenfield, Turners Falls and across the "Plains" to Lake Pleasant, Montague and Millers Falls.

50 Miles of Trackage—Modern Equipment—Train Dispatching System—Freight and Express Service over entire line.

Connecticut Valley Street Railway Company

Jacob Reed's Sons are the leading manufacturers of

UNIFORMS

For college and military schools, and have won and maintain their prestige by sheer merit. The uniforms worn at Massachusetts Agricultural College are finished examples of our product.

JACOB REED'S SONS.

Makers of "Gold Medal Uniforms."

1424-1426 Chestnut St., Philadelphia, Pa.

FOUNTAIN PENS

Moore's Swan's Waterman's

Thirty-six dozen pens to select from.

—OUR RULE—

"Satisfaction guaranteed or money refunded."

DEUEL'S DRUG STORE

COLLEGE SHOES

We carry the largest stock in the state outside of Boston.

MODERN REPAIR DEPT.

E. M. BOLLES
THE SHOEMAN

CARS

Leave M. A. C. for Holyoke at 7-20, 8.10, 9 10, 10-20, and at 20 minutes past the hour until 11-20 P. M.

CARS

Leave Amherst for M. A. C. at 6-05, 6 25. 7-00, 7-30, 8-00, 8-15, 9-15, 9-30, 10-15, 10-30, 11-15, 11-30, 12-30, 12-45, 1-30, 1-45 and at 45 minutes past the hour up to 9-45, and at 10-30 and 11 00 P. M.

Last car at 12-30 A. M.

Special Cars at Reasonable Rates

AMHERST & SUNDERLAND ST. RY. CO

THE TERPSY PARLOR

Cleansing Pressing Repairing

Quickest service, Best Work, Lowest Price

All work carefully done. Work called for and delivered. Gents' overcoats, suits, pants and coats. Ladies' fine linen suits a specialty.

Teams will call every day at M. A. C.

WM. FRANKLIN, Prop.

Rear Nash Bl'k, Amherst. Tel. No. 342-4

Amherst

CO - OP LAUNDRY

High-Grade College Work

Shirts,	10-15c
Collars,	2 1-2c
Cuffs,	2 1-2c
Plain wash,	48c per doz.
Same, rough dry,	30c per doz.

DRY CLEANING AND PRESSING

Steam Pressing 40c, 3 Suits for $1.00

Dry Cleaning and Pressing, $1.50 a Suit

All bills payable at Co-op. Store and parcels left there will receive prompt attention.

GRAYSON '17, Agent
HIGGINBOTHAM '17, Asst. Agent

THE MASSACHUSETTS COLLEGIAN

MASSACHUSETTS AGRICULTURAL COLLEGE

Vol. XXVII. Amherst, Mass., Tuesday, February 13, 1917. No. 18

Library of the Mass. Agri. College

ALUMNI COMMITTEE NAMES NEW Y. M. C. A. SECRETARY

Thomas L. Cotton of Dartmouth. Has Had Wide Experience in Deputation Work.

At the meeting of the alumni advisory committee of the Y. M. C. A. Friday, Feb. 9, Thomas L. Cotton of Dartmouth college was formally appointed general secretary of the college Y. M. C. A. Mr. Cotton has been foremost in college and Y. M. C. A. work in Dartmouth, and should make things hum at Aggie. He was born in Iowa and went from there to the Rockies to live. During his life he has roughed it a good bit and has seen the sterner side of life. Mr. Cotton went to school at Mt. Hermon and after graduating spent a year in Boston doing Y. M. C. A. work. He then entered Dartmouth college where he early became associated with the Y. M. C. A. Besides his exceptional record as tackle on the varsity football team, Cotton was chairman of deputation work during his junior year and president of the Y. M. C. A. this year. He is also a member of Palaeopitus, the student governing body, and the Sigma Chi fraternity.

In Cotton will be expected a versatile man with a distinctive personality and ability in the management of his department. He will probably take the initiative in following the lines of work which are fundamental to the Y. M. C. A. He will arrange such speakers and topics as will be of interest to the average college student for the regular weekly meetings. Then it will be up to him to pick and train men for leaders of boys' clubs throughout the valley. Six men are needed for this work now. The training of deputation workers will come under this head as well. Another plan of the association is to establish a long desired Lost and Found department and Employment bureau, which will serve as a clearing house for college work and odd jobs from the surrounding towns. In this work, as well as in the organization of financial and membership campaigns, Cotton will undoubtedly show his ability to systematize and make efficient the association work.

Howard P. Quadland '20 of North Adams has been initiated into Sigma Phi Epsilon.

BASKETBALL FIVE CLOSES SEASON WITH SPRINGFIELD

Game to be Played on Neutral Floor, Friday Night. Y. M. C. A. Has Lost Three Games.

M. A. C. lines up against her old rival, Springfield Y. M. C. A., Friday night, in the last game of the basketball season. Springfield has been winning consistently all during the season and a fast game is expected. The Y. M. C. A. men have lost to only three college teams, the score in each case being close, and the scoring high. Dartmouth defeated her early in the year, 33 to 31, later in the season Yale won, 54 to 51, while last Friday she bowed before Colgate by a score of 34 to 30.

In looking into the personnel of the Springfield team, Captain Taylor, who plays left forward, is a fast man and goes on record as their high scorer. Tichner plays the other forward position, while Ellis, the manager of the team, will probably appear at center. The probable lineup will be given over to Edwards and Sermon, who have both appeared on the football field against Aggie The M. A. C. line-up will be the same as that appearing in the last few games: McCarthy, lf; Pond, rf; E. Grayson, C. F. Grayson, lb; and Sedgwick, rb.

The game is to be played on the Commercial High School floor so as insure a neutral playing surface.

NINETY ONE SIGN UP

For Military Course. To Coach Men for Army Examinations.

Forty-three juniors and forty-eight sophomores have signed up for the military course to be offered by Captain Fleet for the remainder of the term. Classes begin today. Three lectures will be given every week in the old chapel. The schedule hours for classes are: For juniors, Wednesday 3-4, Friday 4-5, Saturday 9-10; for sophomores, Tuesday, Wednesday and Thursday from 4-5. These lectures will include U. S. army drill and field regulations, tables of organization, small arms firing regulations, military law and topography. These talks are given with the object in view of preparing men for taking examinations for appointments as second lieutenants in the officers' reserve corps of the U. S. army. Seniors and freshmen may elect this course if they desire.

STUDENT VAUDEVILLE TO BE ATTRACTION FOR SATURDAY

Each Fraternity to Stage One Number. A Few Reels of Comic Movies Also.

The Social Union program for Saturday night will take the form of a student vaudeville. Sketches will be put on by each fraternity, and the nonfraternity men have assured the management of a few reels of comic movies. Clever acts will also be staged by members of the student body.

This is the first show of this kind that has been staged on the campus during the last few years and in view of the fact that there is considerable talent in the student body, the vaudeville bids fair to be a great success. At any rate it will rival the vaudeville show staged a year ago by the faculty.

RIFLE TEAM FOURTH

The Aggie rifle team is in fourth place in the gallery competition of the National Rifle Association, according to the report in the latest edition of The Arms and the Man, the official organ of the association. The standing of the first five colleges in the competition for the first week was as follows:

Washington State College,	987
Michigan Aggie,	941
Notre Dame University,	920
M. A. C.,	902
Cornell University,	894

In coming fourth the Aggie team defeated Norwich, the U. S. Naval Academy, and many of the foremost colleges. The official standing for the Aggie team was somewhat lower than was thought:

F. H. Canlett,	184
A. B. Loring,	182
C. R. Phipps,	180
W. A. Mack,	178
E. F. Parsons,	178

PROM NEWS

Those who reserved tickets for the Prom Show may get them any time this week. After Saturday all tickets will go on sale at Deuel's Drug Store. Until then tickets may be obtained from F. Bainbridge, Room 5 South College. Reservations may be made by telephoning 8364.

Tickets for the Junior Prom are now on sale at Clark Hall by Foster K. Baker. Favors may be obtained with the purchase of the ticket. For those having prelims the price will be $9.00.

HAROLD GORE SELECTED AS HEAD FOOTBALL COACH

Has Had Charge of Freshman Teams Since Graduation. Played Four Years on College Eleven.

Harold M. Gore '13, has been elected as head coach of 'varsity football for the season of 1917. He will have full charge of the varsity eleven although there will probably be assistant coaches working under him. In college, Gore played varsity football for four years and was without doubt one of the headiest quarterbacks ever turned out at M. A. C. After graduation he returned to his Alma Mater to take charge of Freshman athletics. As Freshman coach of football, basketball, and baseball, he has whipped into shape teams that have made enviable records for the college. Due to his success with the basketball quintets of the entering classes, which for the last two years have been interclass champions, Gore was last fall selected as coach of varsity basketball, which was reinstated at Aggie after a lapse of eight years. The enviable record of the M. A. C. five so far this season with four wins and one defeat, speaks well of his success.

Coach Gore will in all probability continue the coaching system inaugurated at M. A. C. by Dr. Arthur Brides, now line coach at Yale. In selecting him the athletic committee has given over a free rein in running the team. With plenty of experienced material with which to work, he may well be expected to turn out a very fast eleven for the coming season.

FRESHMEN BOW TO H. H. S.

The freshman hockey team met its first defeat at the hands of the Hartford high school Saturday afternoon on the latter's rink. The ice was in good condition and the game was very fast.

The line-up:

HARTFORD	1920
Cowles, g	g, Doucette
Rouley, cp	cp, D. Smith
Gammell, p	p, Douglas
Turnbull, r	r, Crafts
Newton, c	c, Ball
Whittlesey, rw	lw, Redding
Gillette, lw	rw, Spencer

The Score—Hartford, 4; 1920, 1. Referee—Little.

Leo C. Higgins '18 left college last Friday to take up courses in literature and journalism at Harvard college.

VARSITY REGISTERS EASY VICTORY OVER N. H. STATE

M. A. C. defeated the New Hampshire State five Saturday afternoon in the Drill Hall 27 to 12. New Hampshire was first to score, Hawkes pushing in a basket on a follow shot. The score remained a tie for the first ten minutes of the game, but the dead lock was soon broken by baskets in quick succession by E. Grayson, Pond and McCarthy, and the home team was never headed from then on. The first half ended with "Aggie" safely in the lead by a score of 15 to 7.

McCarthy and Pond by clever passing added three more baskets towards the end of the second half, Sedgwick also secured a clever basket, receiving the ball after it had been exchanged with bewildering rapidity from one "Aggie" team mate to another. E. Grayson featured the second half by shooting five fouls with out a miss. The defensive play of Sedgwick and F. Grayson was a strong point for M. A. C. Hawkes and Stevens were the star men for the visiting team. New Hampshire caged only four baskets from the floor, one of these from a tip off and the others from hurried shots.

The line up:

M. A. C.	NEW HAMPSHIRE.
McCarthy, lf	rb, Davis, Prentice
Pond, F. Grayson, rf	lb, Aullis
E. Grayson, c	c, Hawkes, Bomer
F. Grayson, lb	rf, Stevens
Sedgwick, rb	lf, Badger

The score—M. A. C. 27, New Hampshire 12. Baskets from floor—McCarthy 4, Pond 2, E. Grayson 2, F. Grayson, Sedgwick, Stevens 2, Hawkes, Aullis. Baskets from free tries—E. Grayson 7, Badger 4. Referee—Aspinall. Timer—Derby. Time—20-minutes halves.

DEADLOCK CONTINUES IN INTERCLASS BASKETBALL

Sophomores and Seniors to Battle for Championship Saturday

In the final game of the interclass basketball series Thursday night the seniors and sophomores won their respective contests, thus continuing the deadlock between them. The tie will be played off Saturday.

In the senior-junior contest, the '18 men made a good start but the seniors soon got their stride and maintained the lead despite the consistent efforts of Minor and Gillette. Mack was high scorer with five goals from the floor and the same number of foul goals to his credit.

The line-up:

SENIORS.	JUNIORS.
Nelson, Rorstrom, rf	lg, Gray
Harlow, lf	rg, Lipshires
Holden, Mack, c	c, Cotton
Holden, Higginbotham, rg	lf, Gillette
Goldstein, Day, lg	rf, Minor

Score—Seniors 23, Juniors 15. Goals from floor—Mack 5, Rorstrom 3, Harlow, Gray, Minor 4. Goals from free tries—Mack 5, Gillette 5. Referee—Ashley of Amherst. Scorer—Odams. Timer—Derby. Time—20 minute halves.

The sophomores defeated the freshmen in the annual interclass basketball game with a score of 28–7. The speedy '19 combination played around the freshmen in every line. The fast Brown and White forwards, Vickers and Crowe, kept 1920 on the defensive most of the game. Berman played a good game as guard for the freshmen. Crowe showed himself a master at caging the ball, having six goals from the floor and six from free tries.

The line-up:

SOPHOMORES.	FRESHMEN.
Crowe, rf	lg, Littlefield
Vickers, lf	rg, Berman, Roberts
Blanchard, c	c, Armstrong
Williams, rg	lf, Graves
Whittle, lg	rf, Ball, Taylor, Berman, Levine

Score—Sophomores 28, Freshmen 7. Goals from floor—Crowe 6, Vickers 4, Whittle, Berman. Goals from free tries—Crowe 6, Ball 2, Berman 2, Armstrong.

WILLIAMS BREAKS AGGIE STRING OF VICTORIES

Before a large crowd of house party guests, the reorganized Williams basketball team defeated the Aggie quintet 34 to 15 in the Williams gymnasium last Thursday night.

Williams started scoring at the tip off and had piled up nine points before the M. A. C. team were able to score their first basket. The varsity did not show their usual team work and were unable to make good their shots at the basket, while the Purple team were especially effective on their long shots. Their team work and passing was also superior to that of the visitors. During the second half the M. A. C. forwards took a spurt and closed up to some extent the lead of the first half.

The line-up:

WILLIAMS	M. A. C.
Bickwith, lf	rb, Sedgwick, Parkhurst
F. Wright, rf	lb, F. Grayson
Gaut, Jones, c	c, E. Grayson
H. Wright, lb	rf, Pond
Howland, rb	lf, McCarthy

Score—Williams 34, M. A. C. 15. Baskets from floor—F. Wright 6, Bickwith 5, H. Wright 3, Jones 2, McCarthy 2, Pond 2, E. Grayson. Baskets from free tries—Bickwith 2, E. Grayson 2. Referee—Tom Thorpe, Columbia. Time—20 minute halves.

RIFLE TEAM RESULTS

The unofficial score for the third varsity rifle match for the week ending Feb. 10, fell short of the two previous weeks by 17 points.

The score:

	Standing.	Prone.	Total
Canlett, F. H. (capt.)	84	98	182
Phipps, C. R.	84	98	182
Parsons, E. F.	83	98	181
Loring, A. B.	88	92	180
Davies, J. P.	89	91	180
Total,			905

WILLIAMS GAME CANCELLED

The hockey game scheduled with Williams for Friday, Feb. 9, at Williamstown, was cancelled because of weather conditions. The Williams team will appear here Friday, Feb. 23; for our Prom game, weather permitting.

Specialists in

Students' Needs

FOR generations we have served the college men and students of all New England and we know their requirements.

Our stocks of Student Clothing, Haberdashery, Shoes, Athletic and Sporting Goods, Jewelry, Rugs, Desks and Books are complete and moderately priced.

Sole Agents in Boston for the justly famous

Society Brand Clothes

Free delivery to Amherst of any purchase—large or small.

JORDAN MARSH COMPANY
Boston

Dr. L. O. Whitman
21 Pleasant St., Amherst, Mass.
Office Hours: 1-3, 7-8 p. m. Sunday and other hours by appointment.

Eyes Examined
Glasses Furnished
OSCAR L. McCULLOCH
54 Suffolk St. Holyoke, Mass.

Croysdale Inn
SOUTH HADLEY, MASS.
Good Beds and Good Things to Eat.
Telephone 2628-W. Holyoke.

FLEMING'S SHOE STORE
Northampton

Cox Sons & Vining
72 Madison Ave., New York

Caps
Gowns
Hoods
for all Degrees

ROBES FOR JUDICIARY, CLERGY AND CHOIR

FLOWERS AND PLANTS
Grown by the Floricultural Dept.
We offer our surplus stock of cut flowers and plants at reasonable rates to students and faculty. This stock is grown in modern houses under ideal conditions. Roses, carnations, violets, chrysanthemums and sweet peas in season.
GROWN ON THE CAMPUS
Telephone 300

RAHAR'S INN
Northampton, Massachusetts
EUROPEAN PLAN
The Best Place to Dine
All Kinds of Sea Food
Special luncheon from 11-30 to 2 p. m.
—A la carte service—
6-30 a. m. to 11-30 p. m.
R. J. RAHAR, Prop.

The "Nonotuck"
HOLYOKE'S LEADING HOTEL
Club Breakfasts, 25c to 75c
Business Men's Luncheon, 60c
Sunday Table d'Hote Dinner, $1.25
GORHAM BENEDICT, Mgr.

OVER 100 GRADUATES RETURN FOR ALUMNI DAY

Emphasis on the alumni was the order of the fourth annual alumni day held Friday and Saturday of last week. The old "boys," over 100 strong, renewed their acquaintances and favorite haunts and at the same time found time to enjoy a most entertaining program of activities. Friday was given over to class lectures by alumni which were largely personal experiences and general major talks. An informal banquet was held in Draper Hall in the evening with enlivening "between the courses" music by the college orchestra. Following the dinner, a number of speakers from '71 to '17 spoke in a more or less reminiscent vein after which all adjourned to the auditorium where an excellent musical club program was enjoyed. The most of Saturday was given over to recalling the old days with a chilly campus inspection. The New Hampshire basketball game was ample cause for many a dignified alumnus to forget his gray haired dignity and join in the enthusiasm of the undergraduates. Fraternity banquets Saturday evening brought to close the best of these now annual alumni activities.

COMMONS CLUB PLEDGES

In addition to the list of pledges as announced in last week's COLLEGIAN, the following men have pledged Commons Club: 1919—George R. D. Hopkins, Orleans and Walter H. Sargent, Malden; 1920—William Bailey, Williamstown and Charles F. Doucette, Melrose. Orville A. Jamison, M. S., assistant professor of dairying, has been elected to honorary membership in the Massachusetts chapter.

NO EASTER TRIP

Musical Clubs Decide to Cancel New York Dates. Plans for Springfield Concert and Dance.

At a recent meeting of the men in the musical clubs it was decided not to take a trip during the Easter vacation as in former years. This action came as a result of the necessity of abandoning plans for a New York trip for financial reasons. Early in the year the management of the musical clubs entertained hopes of being able to take a trip to the western part of this state and eastern New York. The fact that the regular vacation comes during the Lenten season and also that the trip would have to be made at a serious financial loss led to the abandonment of all plans.

A short trip to the eastern part of the state was then considered but at the action of the members this also as abandoned. The reasons advanced for this action were that the men would rather have the vacation inasmuch as they had practically no holidays at Christmas time. In all probability a short trip to eastern Massachusetts will be taken the latter part of April. The temporary schedule for this itinerary will be April 26, Haverhill, April 27, Newburyport, and April 28, the Chestnut Hill Club.

Arrangements are now under way to hold the annual Springfield concert and dance April 20, at the Hotel Kimball. In addition a trip to Pittsfield, North Adams, and Great Barrington is under consideration for the early part of May. However it is planned to have the musical clubs as the main attraction at the annual banquet of the Greater Boston club and the Alumni at the City club, Boston, March 30.

HON. MARCUS MARKS TO ADDRESS WED. ASSEMBLY

Hon. Marcus M. Marks, president of the Borough of Manhattan, N. Y. City, will address assembly Wednesday, Feb. 21, giving some of his conceptions of the industrial conditions of the day. Mr. Marks was born in Schenectady, N. Y., in 1858, and graduated from the College of the City of New York. He started out in a small retail business but was so successful that with his father he formed the great firm of David Marks and Sons Wholesale Clothiers, in New York. Mr. Marks has been foremost in the social and commercial work and retired from business to take up this work. He has acted as a mediator and arbitrator on numerous industrial disputes involving hundreds of thousands of workers from all branches of industry. He has also taken considerable interest in cooperative associations, in fact he established three public markets in New York City. In addition to this, he has written extensively upon subjects of social and commercial interest so that he has become an authority.

DR. GEO. A. HASWELL
Osteopath
Central Chambers, Center Street,
Northampton, Mass.
Phone 1027-W

AMHERST SHOE SHINE PARLOR
The Best Shine in Town.
—Also—
Shoe Repairing
Neatly and quickly done.

PLAZA
Northampton, Mass.
Where the Best
Photo-Play Features ...
Are shown.
PROGRAM CHANGED DAILY

SALE FOR PROM
On All Full Dress Accessories

Dress Shirts, Regular $2, Sale $1.50 | Silk Hats, Regular $8, Sale $4
Derbies, which you must have, Regular $4 and $5, Sale $2 and $3 | Dress Ties, From 20c up
Dress Collars, 2 for 30c, Sale 10c each

Dress Suits and White Vests for Rent. Order early.

SPRING AQUASCUTUMS
Arriving from England every week through our local post office, in spite of the U Boats.
Beautiful line of Spring Goods arriving every day

CAMPION
College Outfitter

—Come to us for—
Fireplace Goods, Coat and Trouser Hangers
Ever Ready Flash Lights and Paint
Clothes and Shoe Brushes
Anything in Hardware and Cooking Utensils
Always glad to see you.

THE MUTUAL PLUMBING & HEATING CO.

BURPEE REGISTERED VAB TRADE MARK The Seal of Quality
Burpee's Seeds Grow
FOR forty years we have rendered faithful service. For forty years we have tried to make each year's service more nearly ideal. This untiring effort has built for us not only The World's Largest Mail Order Seed Business, but also a World Wide reputation for Efficiency and undisputed leadership. The Fortieth Anniversary Edition of **Burpee's Annual**, *the* **"Leading American Seed Catalog"** is brighter and better than ever. It is mailed free. A postcard will bring it.
W. ATLEE BURPEE & CO., Seed Growers,
Burpee Buildings Philadelphia

Page's Shoe Store
Largest Stock—Lowest Prices
Expert Repairing—Best leather used

JACKSON & CUTLER
—DEALERS IN—
Dry and Fancy Goods and Choice Family Groceries

THE MASSACHUSETTS COLLEGIAN

Published every Tuesday evening by the Students of the Massachusetts Agricultural College.

BOARD OF EDITORS.

RICHARD W. SMITH '17. Editor-in-Chief
MARSHALL O. LANPHEAR '18. Mging Editor
MILFORD R. LAWRENCE '17. Assistant Editor
WILLIAM SAVILLE, JR. '17. Alumni Editor

ASSOCIATE EDITORS.

JOHN T. DIZER '17
JOSEPH F. WHITNEY '17
FRANK J. BINKS '18
NATHAN W. GILLETTE '18
ELIOT M. BUFFUM '19
MYRTON F. EVANS '19

BUSINESS DEPARTMENT.

MERRILL P. WARNER '17. Business Manager
JAMES C. POWELL '18. Assistant Business Manager
BIRGER R. ROSEQUIST '18. Advertising Manager

Subscription $2.00 per year. Single copies, 8 cents. Make all orders payable to **Merrill P. Warner.**

In case of change of address, subscribers will please notify the business manager as soon as possible.

Entered as second-class matter at the Amherst Post Office.

Vol. XXVII. Tuesday, Feb. 13. No. 18

WHILE college men in other institutions are forming military companies in order to aid their country in time of great need, the military department of M. A. C. has offered to Aggie men a more practical scheme for real service. As presented to the student body through the cooperation of Professor Hicks and Captain Fleet the plan is, in brief, to give the men who will volunteer for it a larger training in the requirements for the examinations to the second lieutenancy in the United States army. The good proportion of men in the sophomore and junior classes who have signed up for the new course of lectures shows that the ideas back of college military training are not lost sight of entirely, even though the country does rest in an apparent security. We trust that the number who attend Captian Fleet's talks will not be confined merely to those who are formally enrolled for the course, but will include many more who are willing to give some time and thought to the cause of greater preparedness. It is the opportunity of a lifetime for Aggie men to help make up the great deficiency of officers, which military experts agree is the fatal weakness of the present system of national defense.

AMHERST-M. A. C. CONCERT

A joint concert between the M. A. C. and the Amherst college musical clubs will be held in College hall, Feb. 16 at 8 o'clock. The proceeds will be used for the benefit of the Amherst branch of the American Red Cross.

Miss Helena Goessmann, instructor of English, has recently been elected an honorary member of Delta Phi Gamma.

CAMPUS CALENDAR

WEDNESDAY, FEB. 14

2-10 P. M.—Assembly, Mr. Joseph Novitski, M. A. C.
5-00 P. M.—Interfraternity Relay Races, $\Phi\Sigma K$ vs. $A\Sigma\Phi$.
7-00 P. M.—Stockbridge Club Meeting, Stockbridge Hall, Room 102.
7-00 P. M.— Agricultural Economics Club meeting, Clark Hall, Room B.
7-00 P. M.—Dress Rehearsal of entire cast of Student Vandeville, Stockbridge Hall Auditorium.

FRIDAY, FEB. 16

8-00 P. M.—Joint concert of Musical Clubs with Amherst, College Hall.
8-00 P. M.—Varsity Basketball, M. A. C. vs. Springfield Y. M. C. A. College, Commercial High School floor, Springfield.
8-00 P. M.—Lecture by William Langdon on "The Pageant and Festal Drama." Stockbridge Hall.

SATURDAY, FEB. 17

3-00 P. M.—Varsity Hockey, M. A. C. vs. Dartmouth, Alumni Field Rink.
3-00 P. M.—Basketball, 1920 vs. Deerfield Academy.
1917 vs. 1919, play-off of tie.
7-00 P. M.—Student vandeville, Stockbridge Hall.

SUNDAY, FEB. 11

9-10 A. M.—Chapel, Rev. Archibald Black, South Congregational Church, Concord, N. H.
6-30 P. M.—Y. M. C. A. Informal Talk, Social Union.

PROF. NEHRLING RESIGNS

To Become Manager of Florist's Business in Indiana. Will Leave in March

ARNO H. NEHRLING, professor of floriculture, has resigned to become president and manager of the McDonald Floral Company of Crawfordsville, Ind., in which he has purchased a controlling interest. Crawfordsville, a town of about 20,000, offers a good opportunity in the floral business, situated as it is in the center of the richest farming section of Indiana, about 40 miles from Indianapolis. Prof. Nehrling expects to leave Amherst March 15.

He came to M. A. C. from the University of Illinois in February 1914, succeeding Prof. Edward A. White, now of Cornell. When he took up his duties the floriculture department offered three courses, now there are eight, with the enrollment increased proportionally. The work in this major has been put on a firm and practical basis. Prof. Nehrling is a member of the U. L. A. S., the Massachusetts Horticultural Society and the National Association of Gardeners. He was recently elected state vice-president of the Society of American Florists and Horticulturists. His successor in the department has not yet been chosen.

'15.—Mr. and Mrs. James E. Gregory of Brooklyn, N.Y., announce the engagement of their daughter, Miss Josephine M. Gregory, to Willis Haskell, Jr.

TO PLAY DARTMOUTH

Varsity Seven to Seek Revenge From Green Team Saturday

Saturday afternoon Dartmouth will meet M. A. C. on Alumni field in hockey. The Green team has already defeated the varsity once this season, but by such a small margin that the Aggies expect to turn the table. Dartmouth was whitewashed by Harvard 3–0, but has beaten Princeton 6–3, West Point 3–0, and Yale 2–1. If the Massachusetts boys are given anything near an even break they should pull out victorious over the Hanover puck chasers.

UNDERGRADUATE COMMITTEE ON ANNIVERSARY SCHEDULE

To collaborate with the faculty in working up the plans for the 50th anniversary celebration, a student committee, with members from each of the three lower classes has been chosen. The committee consists of the following men: from '18, Howard L. Russell of Worcester chairman, S. S. Smith of Roslindale, O. C. Roberts of Arlington, F. K. Baker of Fairhaven, H. N. Worthley of Greenwood, D. M. Lipshires of Roxbury; from '19, Paul Faxon of Wellesley Hills, D. T. Newbold of Northampton, J. H. Smith of Roslindale; from '20 F. V. Waugh of Amherst, R. P. Cande of Pittsfield, and J. W. Hollaway of Taunton.

JUNIOR CLASS ELECTIONS

Nineteen-eighteen has elected the following class officers for the second half of the college year: President, Marshall O. Lanphear, Windsor, Conn.; vice-president, Oliver C. Pratt, Salem; secretary, Nathan W. Gillette, Revere; treasurer, Harlan N. Worthley, Greenwood; captain, Frank Bainbridge, Paterson, N. J.; sergeant-at-arms, Clarence R. Phipps, Dorchester. By competition, Raymond R. Willoughby of Newington, Conn., is class historian. Thomas E. Carter of West Andover has been elected manager of the 1918 class track team and Frank Bainbridge captain.

FRESHMEN GET 17-12 WIN

The freshmen basketball team won from Turners Falls high in the drill hall last Friday evening, the score being 17–12.

The line up:

M. A. C.		TURNERS FALLS.
Vigezzi, lf		rg, Casey
Richards, Davis, rf		lg. Welcome, Cavanaugh
Harrington, c		c, Lapean
Leut, lg		rf, Barren, Maynard
Stedman, rg		lf, Brazeau

Score—M. A. C. Freshmen 17. Turners Falls 12. Goals from the floor—Richards, Vigezzi, Harrington 3, Lent, Barren 3, Welcome, Maynard. Goals from fouls—Lent 4, Davis, Brazeau 2. Referee—Hicks. Time—20-minute halves.

We want to turn the spotlight on a new model for young men.

Easy rolling lapels, satin faced, edges all piped.

The fit you see before you order.

At the Amherst House:

Wednesday, February 21st

Complete Spring showing!

Prices same as in our stores in New York.

"Your money back" should anything go wrong.

MAIL ORDERS FILLED

ROGERS PEET COMPANY

Broadway at 13th St. | "The Four Corners." | Broadway at 34th St.
Broadway at Warren | | Fifth Ave. at 41st St.

NEW YORK CITY

ABOUT THE CAMPUS

The ladies of the faculty of M. A. C. gave a reception to the faculty Tuesday evening at 8-00 o'clock at the home of Mrs. W. D Hurd. The ladies of the extension department were the hostesses.

Delta Phi Gamma held an invitation valentine party in Draper Hall last Thursday evening. The hall was prettily decorated to suit the occasion. Dancing was enjoyed by the nine couples present.

Chairman Spaulding of the class day committee has appointed the following men from that committee to serve on the respective sub-committees: banquet, chairman, Whitcomb, Nelson and Warner; campus decoration, chairman, Babcock, Flint, Irving, Noyes, Pratt, Saville; programs, chairman, Bonn, Dickey and Wilcox.

TO LECTURE ON PAGEANT

Mr. Langdon in the Auditorium Friday Night. Detailed Plans for Next Fall.

William Chauncy Langdon, Master of Pageant for the 50th anniversary celebration, will give a lecture on "The Pageant and the Festal Drama" in the Auditorium, Friday evening Feb. 16 at 8 o'clock. This lecture is preparatory to the celebration next fall and should be of interest to faculty and students alike. Mr. Langdon will explain the purpose and function of the different types of pageantry, and their relation to the pageant of next autumn. Because of his superior knowledge of his subject and his success in his work of directing pageants throughout the country, Mr. Langdon should have many new and original phases of this popular type of drama to present. He will probably give details of his plans for next fall as far as they are completed.

ECONOMICS CLUB CONSIDER PROBLEM OF CO-OPERATION

Entering into the last phases of its co-operative college store investigations, the Economics club is proving its value as an undergraduate organization. Last year R. C. Westman '17 and S. S. Smith '18, were appointed to investigate various collegiate co-operative stores and this month a climax has been reached It has been planned that a series of talks on the matter be carried out beginning this week with an outside speaker from Springfield training school, the second week with William McKee of the College store, the third week with Mr. Damon of the extension service and the fourth week with Mr. Rutledge of the economics department. These men will discuss the advantages or disadvantages of a college store run co-operatively and their ideas, combined with the results of the investigation will be put before the club to decide whether the idea be abandoned or brought before the Senate for student discussion.

LETTER OF APPRECIATION

The COLLEGIAN takes great pleasure in printing the following letter from Satwaji Mutkekar from the Springfield hospital where he is rapidly convalescing from an operation for appendicitis.

"TO THE STUDENTS AND FACULTY OF M A. C.:

Your very kind and sincere gift expressive of good wishes to Mutkekar came very near to the heart of the recipient while he was on his sick bed in the hospital. The gift was surprisingly great but greater still was the thought that went with it and it is the latter that made me feel cheerful every day. It was quite a surprise to me and to those who attended on me to find myself improving so wonderfully. The pleasing thought of your sympathies worked as a magic wand and now I feel in perfectly good condition hoping to be with you before long.

My friends, my appreciation of your kind gift is not measurable by words since it is so great. I merely say thank you but in these words is hidden the greatest sense of my gratitude and good wish to you all.

Yours in M A C.

S. G. MUTKEKAR."

NEW BULLETINS

Control Series, Bulletin No. 6.—"Inspection of Commercial Fertilizers" by H D Haskins, L. S. Walker, C. P. Jones and W. A. Allen, is now ready for free distribution at the experiment station. The bulletin gives a detailed report of the fertilizers inspection for 1916, discusses methods of sampling and gives several summary tables.

Bulletin No. 169.—Connecticut Onion Supply and Distribution" by Alexander E. Cance, William L. Machmer and Frederick W. Read should be of special interest to local onion growers in times of high prices. Supply and production, with yields and costs are fully treated. Special attention is given to the marketing end with the various preparatory processes. Storage is thoroughly investigated and many recommendations are made. Aside from the reading matter the bulletin is profusely illustrated with maps, charts, and explanatory cuts, which add a great deal to the value. To anyone interested in the growing of onions this bulletin should prove well worth studying.

NO GAME BEFORE FEB. 17

At the meeting of the Class Athletic Board held Tuesday Feb. 6 it was decided that the sophomore-freshman hockey game will not be played before Feb. 17, the time to be set by the board within 24 hours notice to the two teams. Sophomore varsity men are eligible at the discretion of Captain Buttrick.

Seven million acres of land has been granted the state of Nevada for the benefit of the public schools and the state university.

TOWN HALL

MONDAY AND TUESDAY, FEB. 12, 13

John Barrymore in **"The Lost Bridegroom,"** Paramount comedy drama in 5 acts.

5th Episode of **"Gloria's Romance"** with **Billie Burke.**

Black Diamond Comedy

THURSDAY ONLY, FEB. 15

H. B. Warner in **"Shell 43,"** a strong Triangle drama, 5 parts.

"HIS FIRST FALSE STEP," a 2-reel Keystone comedy.

Paramount Pictograph.

FRIDAY AND SATURDAY, FEB. 16, 17

Hazel Dawn in **"The Saleslady,"** Paramount play in 5 acts.

Pathe News.

CHARLIE CHAPLIN in "THE BANK," 2-reel comedy.

Every Afternoon, at 3 o'clock, entire house 10c, children 5c.
Every Evening, at 8 o'clock, entire floor 15c, balcony 20c.
Box office opens at 2-30 and 7-30 o'clock.

UNITY CHURCH

NORTH PLEASANT ST.

A Church home of the liberal Faith, where every student will meet with a cordial welcome.

REGULAR SUNDAY SERVICE AT 7 P. M

WHITE'S MUSIC STORE

HENRY K. WHITE

241 MAIN STREET, NORTHAMPTON

Mandolins, Genuine Hawaiian Ukuleles, Picks, Strings, etc., and music for all instruments and all voices. Instruments may be had on trial.

HOW IS THE SOLE WITH YOU?

Get your shoes tapped at

GINSBURG'S, Amity St.

Work neatly done Satisfaction guaranteed

I. M. LABROVITZ

The Leading Tailor and Gents' Furnishings

Full Dress Suits to Rent
Caps and Gowns for Sale or Rent
Also Ladies' Tailoring
Our Work is Guaranteed

We do Dyeing, Cleaning, Repairing and Pressing
PHONE 302-W

11 AMITY STREET, AMHERST, MASS.

The wise ones read our advertisements. It pays. Every young man in this country today is ambitious—or he's a "dead one."

Our specialty is

Clothes for Young Men

that have pep.

MERRITT CLARK & CO., 144 Main Street, Northampton.

WHO SAID A MIDNIGHT LUNCH?

Make it on one of our small

Electric Grill Stoves

Easy to care for and no danger of fire

Also a good line of

STUDENT LAMPS AND APPLIANCES

RUMERY & FAY, Electricians

THE

United States Hotel

Beach, Lincoln and Kingston Sts.
BOSTON, MASS.

Only two blocks from South Terminal Station, and easily reached from North Station by Elevated Railway, and convenient alike to the great retail shops and business centre, also to the theatres and places of interest.

European Plan $1.00 per Day and Upwards

Table and service unsurpassed. Booklet and map sent upon application

TILLY HAYNES, Proprietor JAMES C. HICKEY, Manager

WEBSTER'S STUDIO

Everything in Photography

GROUPS A SPECIALTY

Good work speaks for itself.

NASH BLOCK, AMHERST, MASS.

AMHERST BOOK STORE

Note Books **Fountain Pens**

Agents for Rex Typewriter

F. M. CURRAN C. F. DYER

MARSH'S SANITARY

Students' Furniture

RUGS AND CARPETS

—E. D. MARSH ESTATE—

ESTABLISHED 1892

STEPHEN LANE FOLGER, Inc.
MANUFACTURING JEWELERS

180 BROADWAY, NEW YORK

CLUB AND COLLEGE PINS AND RINGS

GOLD, SILVER AND BRONZE MEDALS

—JOIN THE BUNCH AT—

EPSTEIN'S TAILORING PARLORS

Now located over post office. Up one flight

Pressing and Cleaning a Specialty

Liberal Ticket System Tel. 36-M

College Stationery

With Class Numerals.

Magazines, Newspapers and Fountain Pens

A. J. HASTINGS

Newsdealer and Stationer

Gallup at Holyoke

293-297 High St.

—SELLS—

Hart Schaffner & Marx Clothes

Come down to Holyoke and see our big store.

S. S. HYDE
JEWELER & OPTICIAN
13 Pleasant St.
Oculists' Prescriptions Filled. Broken Lenses Accurately Replaced. Fine Watch Repairing Promptly and Skilfully Done. Satisfaction Guaranteed

PLYMOUTH INN
Northampton
Quiet and Comfortable—Every facility for
BANQUETS PARTY DINNERS
American and European Plans

"BIDE-A-WEE"
Creamed Chicken and Waffles
Our Specialty—And other good things to eat
MRS. L. M. STEBBINS,
Middle Street, Tel. 415-W Hadley, Mass.

The Highland Hotel
Corner of Hillman and Barnes Streets, three blocks from the Union Depot, is a modern hostelry run on the European Plan. It is just a step from Main Street, away from the noise and dust and yet in the center of the business district.
Its rooms are well furnished and comfortable, having a telephone and hot and cold running water in every room. Prices $1 and up; rooms with bath (single) $1.50 and up.
Its excellent cuisine and well ventilated dining room makes a meal a pleasant memory—everything of the highest quality well cooked and served in the best possible manner.
Stay at the Highland Hotel once and you will anticipate staying there again. Music every evening.
D. H. SIEVERS,
Highland Hotel. Springfield, Mass.

AMHERST GARAGE CO., INC.
Automobile Supplies
REPAIRING IN ALL ITS BRANCHES VULCANIZING

Batchelder & Snyder Co.
PACKERS AND POULTRY DRESSERS
WHOLESALE ONLY
Beef, Mutton, Lamb, Veal, Pork, Hams, Bacon, Sausages, Poultry, Game, Butter, Cheese, Eggs, Olive Oils.
Blackstone, North and North Centre Streets.
BOSTON, ... MASS.

F. A. SHEPARD
MEN'S STORE
Shoes Hats Furnishings
Local Agent for E. V. PRICE CO., LAMM CO., BROWNING, KING & CO., Custom Tailors
OUR DISCOUNT TICKET SAVES YOU 5%

Carpenter & Morehouse,
PRINTERS,
No 1, Cook Place, Amherst, Mass

Dr. A. H. Daniels, D. O.
OSTEOPATHIC PHYSICIAN
305 LAMBIE BLDG., NORTHAMPTON, MASS.
Telephone

BUY YOUR
Dental Creams, Toilet Soaps, Shaving Powders,
etc., of
A. W. HAMLIN, AMHERST, MASS.
I call at the Dorms and Fraternity Houses.

The Holyoke Valve & Hydrant Co.
Jobbers of Wrought Iron and Brass Pipe, Valves and Fittings for Steam, Water and Gas, Asbestos and Magnesia Boiler and Pipe Coverings, Pipe Cut to Sketch, Mill Supplies. Engineers and Contractors for Steam and Hot Water Heating, Automatic Sprinkler Systems, Boiler and Engine Connections. Holyoke, Mass.

BECKMAN'S
Candies and Ice Cream
"HAMP"

Seniors and Juniors
Now is the time to buy those
FILING CASES
For your Bulletins.

Johnson Book Co.
BABBITT WOODWORTH
Alpha Sigma Phi House.

STOCKBRIDGE CLUB

New Schedule is Announced. Good Opportunity for Agriculture Major Men.

In order to make its work of even more practical value than formerly, the Stockbridge club has arranged a valuable schedule of lectures to come every Wednesday evening at 7 o'clock in Room 102, Stockbridge hall. Because of its fundamentally practical nature, the Stockbridge club should be the strongest vocational club on the campus. It was formed to promote interest in agriculture along practical lines, and to this end practical lectures, or rather talks, are given weekly to the club and others interested, by men who have had experience with up-to-date farming methods and modern agricultural problems. They are straight from the heart and are full of interest to anyone who is thinking of taking up agriculture as a vocation. Of special importance will be three talks on dairy work, covering the whole subject as far as possible, which will be given during the next three weeks as follows:

Feb. 14—W. F. Turner of the extension service will speak on "Raising Dairy Calves."

Feb. 21—Professor McNutt head of the department of animal husbandry will talk on "The Feeding of Dairy Cows, and Dairy Problems in General."

Feb. 28—Professor Lockwood, professor of dairying, will speak on the "Handling and Marketing of Milk."

A tentative schedule has also been arranged for the remainder of the term. These subjects will all be very practical and interesting since the men have had a broad experience. Everyone interested is cordially invited by the club to attend.

FRATERNITY CONFERENCE OF ALUMNI ORGANIZES

The alumni fraternity conference held a meeting in Wilder Hall, Saturday morning, Feb. 10, for the purpose of electing officers and drawing up a constitution.

The following officers were elected: President, George A. Chapman '07, A Σ Φ; vice-president, Charles H. Gould, '16, Θ X; secretary and treasurer, Bennett A. Porter '14, B K Φ. The meeting was well attended, each fraternity having at least one representative. They agreed to co-operate with the college and do all possible to get the alumni back for the 50th anniversary next October.

The following constitution was adopted:

ARTICLE 1. Membership.—This conference shall be composed of two alumni members from each fraternity, elected as the fraternity represented shall see fit.

ARTICLE 2. Officers.—The officers shall consist of president, vice-president and secretary-treasurer, who shall be elected annually and perform the usual duties of these offices.

DRAPER LUNCH
Northampton, Mass.
Where all foods of the best quality are served at the minimum price
WM. M. KIMBALL, Proprietor.

E. B. DICKINSON, D.D.S.
DENTAL ROOMS
Williams Block, Amherst, Mass.
Office Hours: 9 to 12 a. m., 1-30 to 5 p. m.

If you have not seen
CHAMBERS '18
for your
PROM CANDY
See "SHORTY"
—At—
HENRY ADAMS & CO.
The Rexall Store—On the Corner

A Bigger, Better Cream Separator
FOR THE SAME MONEY
THE FARMER who buys a De Laval this year will get better value than ever before. Not only will he get a better machine, a simpler machine, a machine that will skim even closer than any previous De Laval, but he will get a machine of larger capacity.
And the price has not been increased one cent.
Just think what that means to cow owners in the face of rising prices on almost everything else the farmer has to buy, including other cream separators.
Only the tremendous volume of De Laval sales makes it possible to give the farmer more for his money when others are giving less.

New Catalog will be mailed upon request
THE DE LAVAL SEPARATOR COMPANY
165 BROADWAY, NEW YORK 29 E. MADISON ST., CHICAGO

High-grade Fertilizers Are Best Values
The average cost of Nitrogen in 600 samples of "complete" fertilizers was 66% higher than the cost of Nitrogen in
Nitrate of Soda
Are you paying high prices for low-grade goods?
Send Post Card for Attractive, Money-saving Books
WILLIAM S. MYERS, Director
25 Madison Avenue, New York City

ARTICLE 3. Executive Committee.—Officers named shall comprise the executive committee which is empowered to transact all business of the conference until such time as the conference convenes.

ARTICLE 4. Finances.—Moneys expended by this organization are to be raised by equal distribution among the different fraternities represented.

ARTICLE 5. Relation to undergraduates.—This conference may meet and act by itself or may invite the undergraduate fraternity conference or any other body dealing with fraternity problems to meet with it.

ARTICLE 6. Amendments.—This constitution may be amended by a two-thirds vote of those present.

MICROBIOLOGY SEMINARS

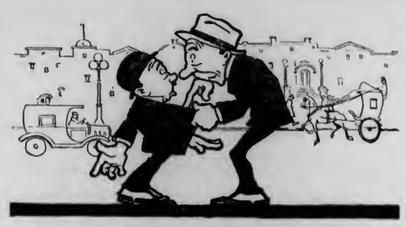
The department of Microbiology has arranged an interesting program of seminars on subjects allied to microbiology. The seminars, which are open to all students majoring in the course, are to be given every Saturday morning at 11 o'clock in the lecture room.

The program is as follows:

Feb. 17—"Typhoid Fever," C. E. Marshall
24—"Interpretation of Anphylaxis," E. G. Hood.
March 3—"Scarlet Fever and Measles," C. E. Marshall.
10—"Nature and Production of Microbial Toxins," A. L. Prince.
17—"Tuberculosis," C. E. Marshall.
April 7—"Fat Decomposition in Nature," R. C. Avery.
14—"Origin of Life," F. H. van Suchtelen.
21—"Moisture in the Soil and Microbial Development," J. S. Cobb.
28—"Origin of Life," F. H. van Suchtelen.
May 5—"Action of Enzymes," S. G. Mutkekar.
12—"Leguminosae and Nodule Bacteria," F. H. van Suchtelen.
19—"The Inter-reactions of Cells," Paul Beebe.
26—"Leguminosae and Nodule Bacteria," F. H. van Suchtelen.
June 2—"Micro-organisms and Electrolytes," G. B. Ray.

'14.—Tell W. Nicolet formerly of Fall River, but now teaching landscape gardening in the University of Nebraska, has been engaged to teach design at the school of landscape gardening in the University of Illinois. He will take up his new duties about March 1st.

Smith college's growing needs are emphasized in the sixth annual report of President Marion L. Burton for the year 1916, which has just been published. "We need a million and a half dollars for buildings alone. A gift or gifts of two million dollars now would make possible a greater Smith college for which we are planning," are his statements.



NO ARGUMENTS!
We have everything in the line of
Full Dress Clothes and Haberdashery
that is right for the Prom.
OUR FULL DRESS VESTS
are worthy of the "once over."
SANDERSON & THOMPSON
Hart Schaffner & Marx Clothes

School and College Photographers . . .
White Studio
LOCALLY: 52 Center St., Northampton, Mass., and South Hadley, Mass
MAIN OFFICE: 1546-1548 Broadway, New York City
These Studios offer the best skilled artists and most complete equipment obtainable

Insure Your Crops and Your Profits
Write today for prices on
E. Frank Coe Fertilizers
1857 The Business Farmers' Standard for Sixty Years 1917
Ask For Our Crop Books. We Want Reliable Agents in Unoccupied Territory
Address Agency Manager
THE COE-MORTIMER COMPANY
Subsidiary of the American Agricultural Chemical Co.
51 CHAMBERS STREET - - - NEW YORK CITY

1916 NOTES

At the University of Chicago the usual menu is three courses per quarter, but Conny Lieber is gnawing away diligently at five. He writes: "Al Lindquist and I have little class reunions about once a week. The university is sure some kindergarten; the men and women too, are really enthusiastic about their work. Everybody is out for A's; none of this just getting by stuff."

New address of Dean Ricker is 314 West Clarinda St., Shenandoah, Iowa.

"Sun" Coleman, Willow Brook Farm, 4-30 to 6, Mendon. He is assistant foreman in the modern dairy barn, where 28 female Bos taurus are alimented anticipatively for periodic lacteal concessions.

Ted Glover is working up a fruit and marketgarden farm in South Duxbury.

A letter full of enthusiasm recently received from the Historian. Miss Holden is teaching indnstrial chemistry in the Norwalk, Conn., High school and agriculture in the Junior High.

Philadelphia, "The Unconscious City," has lost a hustler. Tommy Harrocks has removed to Dover, N. J., where he is a chemist for his uncle in the Picatinney Arsenal.

Reg Hart wishes he could have been back Alumni Day, but found it impossible. His address is something like this: Monserate 7 altos, Habana. Reg warns prospective residents of Cuba that a knowledge of Spanish is an absolute necessity.

The notes received from the class show a large majority in favor of having the big reunion next October, and an informal round-up at Commencement. The suggestions for the reunion sent to the secretary are being worked upon by a committee consisting of the sixteen men on the campus.

HOLDS ANNUAL MEETING

The annual meeting and dinner of the M. A. C. club of Washington, D. C., was held at the Home Club, Washington, Feb. 2. In the absence of any representative from the college, a number of special stunts were pulled off by the members in the effort to have as good a time as possible. The climax was an elaborate initiation of the ladies present into honarary membership.

Officers for the ensuing year were chosen as follows: President, Dr. W. A. Hooker '99; vice-presidents, M. H. Pingree '99, H. A. Turner '12; secretary-treasurer, G. A. Billings '95; choregus, A. C. Monahan '00.

The Lake Mohonk conference on International Arbitration has offered to undergraduates of colleges in the United States and Canada an opportunity to compete for a prize of $100, for the best essay on "International Arbitration."

The Massachusetts Agricultural College

Offers courses of instruction in twenty seven teaching departments, which embrace the study of

Agriculture, Horticulture, Science, Humanities and Rural Social Science.

A student may specialize in the following subjects:

Agriculture, Agronomy, Animal Husbandry, Dairying, Poultry Husbandry, Rural Journalism, Floriculture, Forestry, Landscape Gardening, Pomology, Agricultural Chemistry, Agricultural Economics, Economic Entomology, Microbiology, Economic Botany, Agricultural Education, Rural Sociology

For complete catalog and illustrated booklet, write

KENYON L. BUTTERFIELD, PRESIDENT
AMHERST, MASS.

COLLEGIAN DIRECTORY

	Telephone
Associate Alumni,	C. A. Peters, Secretary—454-W
Joint Committee on Intercol. Athletics,	H. M. Gore, Secretary—403-M
M. A. C. Athletic Field Association,	C. S. Hicks, Treasurer—403-M
Non-Athletic Association,	H. E. Robbins, Manager—res. 62-W
The College Senate,	L. T. Buckman, President—416
Football Association,	J. A. Chapman, Manager—8314
Baseball Association,	R. D. Hawley, Manager—8314
Track Association,	O. S. Flint, Manager—544-M
Hockey Association,	M. R. Lawrence, Manager—8347
Basketball Association,	N. Moorhouse, Manager—8364
Rifle Club,	S. F. Tuthill, President—416
Roister Doisters,	A. F. Williams, Manager—8364
Musical Association,	D. M. Lipshires, Manager—416
Nineteen Hundred Eighteen Index,	K. L. Messenger, Manager—8347
Nineteen Hundred Nineteen Index,	E. M. Buffum, Manager—8364
M. A. C. Christian Association,	D. O. Merrill, President—416
M. A. C. Catholic Club,	J. H. Day, President—8377
Fraternity Conference,	L. T. Buckman, President—416
Stockbridge Club,	P. W. Latham, President—416
Interclass Athletic Committee,	O. G. Pratt, Secretary—8347

There are Seven Good Reasons why you should buy your

COAL
OF
C. R. ELDER

WOODWARD'S LUNCH
27 Main St., Masonic Bldg., Northampton, Mass.

Lunches, Soda, Ice Cream

Closed only from 1 A. M to 4 A. M

The Connecticut Valley Street Railway

From Amherst, via Northampton, through the Hatfields, past the foot of Sugar Loaf Mt., alongside the famous Bloody Brook battle ground to Old Deerfield, thence to Greenfield, Turners Falls and across the "Plains" to Lake Pleasant, Montague and Millers Falls.

50 Miles of Trackage—Modern Equipment—Train Dispatching System—Freight and Express Service over entire line.

Connecticut Valley Street Railway Company

Jacob Reed's Sons are the leading manufacturers of

UNIFORMS

For college and military schools, and have won and maintain their prestige by sheer merit. The uniforms worn at Massachusetts Agricultural College are finished examples of our product.

JACOB REED'S SONS.
Makers of "Gold Medal Uniforms."
1424-1426 Chestnut St., Philadelphia, Pa.

SILVER CIGARETTE CASES

On Display

—AT—

DEUEL'S DRUG STORE

Amherst, Mass.

COLLEGE SHOES

We carry the largest stock in the state outside of Boston.

MODERN REPAIR DEPT.

E. M. BOLLES
THE SHOEMAN

CARS

Leave M. A. C. for Holyoke at 7-20, 8.10, 9.10, 10-20, and at 20 minutes past the hour until 11-20 P. M.

CARS

Leave Amherst for M. A. C. at 6.05, 6.25, 7-00, 7-30, 8.00, 8-15, 9.15, 9-30, 10-15, 10-30, 11-15, 11-30, 12-30, 12-45, 1-30, 1-45 and at 45 minutes past the hour up to 9-45, and at 10-30 and 11.00 P. M.

Last car at 12-30 A. M.

Special Cars at Reasonable Rates

AMHERST & SUNDERLAND ST. RY. CO

THE TERRY PARLOR
Cleansing Pressing Repairing
Quickest service, Best Work, Lowest Price
All work carefully done. Work called for and delivered. Gents' overcoats, suits, pants and coats. Ladies' fine linen suits a specialty.
Teams will call every day at M. A. C.
WM. FRANKLIN, Prop.
Rear Nash Blk, Amherst. Tel. No. 342-4

Amherst
CO-OP LAUNDRY
High-Grade College Work

Shirts,	10-15c
Collars,	2 1-2c
Cuffs,	2 1-2c
Plain wash,	48c per doz.
Same, rough dry,	30c per doz.

DRY CLEANING AND PRESSING

Steam Pressing 40c, 3 Suits for $1.00
Dry Cleaning and Pressing, $1.50 a Suit

All bills payable at Co-op. Store and parcels left there will receive prompt attention.

GRAYSON '17, Agent
HIGGINBOTHAM '17, Asst. Agent

THE MASSACHUSETTS COLLEGIAN

MASSACHUSETTS AGRICULTURAL COLLEGE

Vol. XXVII. Amherst, Mass., Tuesday, February 20, 1917. No. 19

DARTMOUTH TAKES SECOND WIN OVER AGGIE VARSITY

Fast Game Saturday Goes to Visitors by 3-1 Score. Rushes by Ross the Feature.

The M. A. C. hockey team went down to a 3-1 defeat before the Dartmouth seven, Saturday in one of the fastest games ever seen on the campus. Although the Aggie men exhibited a good brand of hockey they were unable to cope with the fast skating, clever passing Green team, who have just completed a very successful season, having been defeated by only one college team, Harvard.

It was Dartmouth's first appearance on the campus since 1913. Dartmouth entered the first half with a rush, and with their passing game working up to its form, they were easily the better of the two teams during this half. Murphy scored the first goal getting the shot at a hard angle from the left side of the rink. Bickford scored the other tally of the half from a scrimmage in front of the Aggie net.

Aggie came back strong in the second period and played a whirlwind game. The puck was in Dartmouth's territory most of the time, while the Aggie forwards kept Ross busy stopping their shots. However, it was their inability to get off their shots fast and hard that cost them many goals.

"Bud" Ross furnished the feature of the game by carrying the puck in a sensational rush from his own end of the rink and caging a clean goal. Later he made two like attempts only to lose the puck just before he could get his shot off. Bickford scored for Dartmouth later in the game, again getting the tally from a scrimmage in front of the goal. Richardson and Chisholm played well in the forward line, while Capt. Buttrick worked in his usual form at goal.

DARTMOUTH.	M. A. C.
Ross, g	g, Buttrick
Gale, Tyler, p	p, L. Ross
Austin, cp	cp, D. Ross
Bickford, c	c, Stiles
Paisley, rw	lw, Richardson
Murphy, lw	rw, Seavey
Tyler, Reyeroft, r	r, Chisholm

Score—Dartmouth 3, Aggie 1. Goals Murphy 4-10, Bickford 9-10 in first half; L. Ross 3-40, Bickford 16-00 in second half. Referee—Cobb of Amherst. Timer—Lawrence '17. Time—20-minute halves.

JUNIOR PROM FESTIVITIES BEGIN FRIDAY AFTERNOON

Small Attendance Expected. Wittstein to Furnish Music. Cabaret and Prom Show Saturday.

By Friday evening at 8-30, Aggie's barnlike drill hall will have been transformed into a beautiful blue-and-white ball room, wherein will take place the greatest social event of the year—the 1918 junior prom. Details of the decorations have not been made public, but the general scheme will carry out the idea of a formal garden, with a pool in the center forming a conspicuous feature. The members of the prom committee are working night and day to rush the decoration of the hall to an early completion

The prom guests will commence to arrive at noon Friday and at 3 o'clock they will see the varsity hockey team in action against Williams for the last game of the season. Dancing at the prom will start at 8-30 and will continne till the wee sma' hours, music being furnished by Wittstein's orchestra of New Haven. The chief interest in Saturday's program centers around the promenade cabaret which the musical clubs will provide in the drill hall, beginning at 2-30. In the evening the Roister Doisters will make their bow to a college audience in "The Arrival of Kitty," which they have brought to a high state of perfection. Sleighrides to neighboring towns will oc-

Continued on page 81

CONDITION EXAMINATIONS

The schedule of condition exams has been posted by the registrar. Any exam which is not scheduled below may be arranged by applying to the instructor concerned. All exams will be held in the lecture room of the instructor in the subject.

The schedule is as follows:

SATURDAY, FEB. 24.

8-00 A. M.—Freshman Algebra.
10.00 A. M.—Freshman English.
10-00 A. M.—Freshman German.
1-00 P. M.—Sophomore Physics Lab
Sophomore Tactics.
Spanish 50.
Freshman Chemistry.
3-00 P. M.—Sophomore English.
Sophomore Zoology.
Freshman Tactics.

SATURDAY, MAR. 3.

1-00 P. M.—Sophomore Physics.

ROISTER DOISTERS SCORE IN FIRST APPEARANCE

Sunderland Audience Greets "The Arrival of Kitty" with Approval. Show a Finished Production.

In their first performance of the year before a crowded house at Sunderland Friday night, the Roister Doisters scored a complete success in the prom production, "The Arrival of Kitty." The way in which the Aggie men threw themselves whole heartedly into their parts brought generous applause from the enthusiastic audience. There was not a single hitch throughout the performance, which augurs well for the success of their second appearance in Stockbridge hall this Saturday evening. W. G. Sawyer '18 as Benjamin More and T. P. Wilcox '17 as a colored porter, brought down the house with their clever acting and humorous dialogue. L. T. Buckmau '17 gave a good rendering of the part of Jane's hypocritical old uncle. The girls' parts were all well taken, Hastings '19 being especially winning as Jane.

The plot of the play, which is a three-act farce by Norman Lee Swartout, is characterized by a complication of events which keeps the audience in suspense until the very last. Bobby Baxter, in pursuing his little love affair with Jane against the opposition of her uncle William Winkler, has occasion to disguise himself in a female costume. He is taken for Kitty, an actress and close friend of Winkler and from that moment the complications accumulate thick and fast, not being straightened out until the final curtain. The scene of action is the office of a summer hotel, the Halcyon House, in the Catskill mountains.

Tickets for the prom show have sold well among the student body and yesterday went on sale at Deuel's drug store in Amherst. Numerous other trips to surrounding towns are contemplated after the prom season, which will in large measure repay the cast for their work in the rehearsals and in the final production.

DEBATE POSTPONED

The debate scheduled with Vermont for Feb. 19 was postponed at their request till March 1. At present there is a date pending with Trinity.

BETA KAPPA PHI JOINS NATIONAL ORGANIZATION

Becomes Twelfth Chapter of Alpha Gamma Rho. Charter Granted Last Week.

At a recent convention of the Alpha Gamma Rho fraternity, at Ames, Iowa, a charter was granted to the local fraternity of Beta Kappa Phi at M. A. C. The fraternity will be installed as the Massachusetts chapter of Alpha Gamma Rho within a short time. This change of organization was ratified at a faculty meeting on Feb. 17. Lincoln D. Kelsey '17 represented the local fraternity at the national convention at Iowa State college.

Alpha Gamma Rho was organized by the union of local societies at the Ohio State university and the University of Illinois, in 1908. The principles of organization of the fraternity permit expansion in the agricultural colleges of the country, Massachusetts being the first New England chapter. The chapter list is as follows: 1906, University of Illinois; 1903, Ohio State university; 1911, Pennsylvania State college; 1911, Purdue university; 1912, North Dakota Agricultural college; 1914, Cornell university; 1914, Iowa State college; 1915, University of Missouri; 1916, University of Wisconsin; 1917, University of Nebraska; 1917, University of Minnesota; 1917, Massachusetts Agricultural college.

Professor Nehrling of the department of floriculture, was an active member of the Illinois chapter of Alpha Gamma Rho.

Beta Kappa Phi was founded in 1910 by A. T. Conant and H. A. Noyes '10, E. N. Davis and A. R. Jenks '11, C. L. Beals, W. F. Fisherdick, E. S. Wilbur and C. M. Streeter '12. The present national affiliation of this organization makes the seventh national fraternity at M. A. C.

WILLIAMS HERE FRIDAY

On Friday at 3 P. M. the varsity hockey team will line up against the strong Williams combination for the annual junior prom game. Poor ice prevented the first scheduled contest between the two, but the strength of the Purple in other games gives reason to respect a hard-fought exhibition of hockey this time.

VARSITY FIGHTS HARD BUT GAME GOES TO SPRINGFIELD

Final Score 43-28. Home Team Gets Many Points From the Foul Line

In the last game of the season Friday night, the varsity went down before Springfield college by the score of 43-28, on the Commercial high floor in Springfield.

The game was fast and inclined to be rough, two men being ruled out for personal fouls. However the speed of the game may have accounted to some extent for the roughness as there was action and plenty of it from start to finish. The speed of the Springfield team together with the 15 fouls caged by Captain Taylor figured largely in Aggie's defeat.

The five man defense style of play adopted by the Aggie team proved bewildering to the Y. M. C. A. men which together with long shots enabled the visitors to pile up a lead during the first half of the period, the count standing 8 to 4 before Springfield had caged a basket.

Penetrating the Aggie defense through the clever floor work of Ellis and his team-mates, notable among them Captain Taylor, the Springfield team began a number of rushes which resulted in their wresting the lead away from the maroon team. The period ended Springfiekl 27, Aggie 21.

Aggie was unable to come back to its own in the second half. The two teams played nearly half of the period before another basket was made. It was due to the clever work of the Aggie forwards that the early lead was obtained and F. Grayson and Sedgwick lived up to their reputation in the defence.

The line-up:

SPRINGFIELD.	M. A. C.
Taylor, Sermon, lf	rg, Sedgwick, Hawley, Parkhurst
Tichenor, Parker, rf	lg, E. Grayson, Babbitt
Ellis, Taylor, } c	c, } E. Grayson, Hagelstein, Hawley, Pond
Edwards, Brown, lg	rf, Pond, Squires
Sermon, Newell, rg	lf, McCarthy

Score—Springfield 43, M. A. C. 28. Goals from floor—Taylor 5, Ellis 4, Tichenor 2, Edwards 2, Sermon, McCarthy 4, Pond 4, F. Grayson 2. Goals from fouls—Taylor 15, McCarthy, Pond, E. Grayson 6. Referee—Aspinall. Time—20-minute halves.

CONNECTICUT VALLEY ALUMNI

The annual banquet of the Connecticut Valley Alumni Association of M. A. C. graduates is to be held at the Highland Hotel, Springfield, on Saturday evening, Feb. 24th at 6-30 P. M. New management, new stunts, revived "Aggie Spirit," and and exceptionally strong list of speakers, are some of the attractions. According to the secretary this is to be "one of the live affairs you read about. Come and be a live one." The price of the banquet is to be $2.00.

ARE INLERCLASS CHAMPIONS

In one of the fastest games of basketball seen on the drill hall floor this year, sophomores defeated the seniors 24 to 17 Saturday, thereby winning the interclass championship. Both teams played an aggressive game and the contest was hard fought throughout. The count stood 17 to 7 at the end of the first period owing to the remarkable shooting of fouls by Crowe. The sophomores were satisfied to play a defensive game during the second half, using a three men defense. The seniors closed up the lead by three points during the half.

SOPHOMORES.	SENIORS.
Vickers, rf	lg, Day
Crowe, lf.	rg, Rostrom, Higginbotham, Holden
Blanchard, c	c, Mack
Whittle, rg	lf, Harlow
Williams, lg.	rf, Kelsey

Score—Sophomores 24, Seniors 17. Goals from floor—Crowe 2. Vickers 2, Blanchard, Williams, Mack 2, Harlow 3. Goals from fouls—Crowe 11. Vickers, Mack 7. Referee—Sawyer of Amherst. Time—20 minute halves.

GREEN FRESHMEN WIN

The Massachusetts Aggie freshman hockey seven was defeated by Dartmouth freshmen 6 to 2 Saturday at Hanover. The visitors started off with a rush and for five minutes outplayed their adversaries, but the spurt was short lived, for they were outclassed in all departments of the game during the remainder of the half. The score at the end of the half was 4 to 0 in favor of Dartmouth.

The Aggie youngsters came back strong in the second half, exhibiting a class of hockey which had an edge on that shown by the young Green team. Both teams scored two goals during this half, the Aggie tallies being registered by Crafts, who showed up well in the offense. The defense also worked well during this half. Phillips and Robertson were the stars for the home team.

The line-up:

DARTMOUTH	M. A. C. FRESHMEN
Dorey, lw	lw, Redding
Smith, rw	rw, Spencer
Hutchinson, c	c, Ball
Scoval, r	r, Crafts
Robertson, cp	cp, D. Smith
Phillips, p	p, Douglas
Johnston, g	g, Doucette

Score—Dartmouth 6, M. A. C. freshmen 2. Goals—Phillips, Robertson, Smith, Dorney, Crafts 2. Referee—Geran. Time—20 minute halves.

SOPH-FRESHMAN HOCKEY

The annual sophomore-freshman hockey game will be played Wednesday afternoon, Feb. 21, at 4 o'clock on the rink, if there is ice. This year's contest should be very close because both teams are strong. The freshmen have shown up well in the past few games due to their team work. The sophomore team will, on the other hand, depend more on individual work than on close team work.

Specialists in

Students' Needs

FOR generations we have served the college men and students of all New England and we know their requirements.

Our stocks of Student Clothing, Haberdashery, Shoes, Athletic and Sporting Goods, Jewelry, Rugs, Desks and Books are complete and moderately priced.

Sole Agents in Boston for the justly famous

Society Brand Clothes

Free delivery to Amherst of any purchase—large or small.

JORDAN MARSH COMPANY
Boston

Dr. L. O. Whitman
21 Pleasant St., Amherst, Mass.
Office Hours: 1-3, 7-8 p. m. Sunday and other hours by appointment.

Eyes Examined
Glasses Furnished
OSCAR L. McCULLOCH
54 Suffolk St. Holyoke, Mass.

Croysdale Inn
SOUTH HADLEY, MASS.
Good Beds and Good Things to Eat.
Telephone 2026-W. Holyoke.

FLEMING'S SHOE STORE
Northampton

Cox Sons & Vining
72 Madison Ave., New York

Caps
Gowns
Hoods
for all Degrees

ROBES FOR JUDICIARY, CLERGY AND CHOIR

FLOWERS AND PLANTS
Grown by the Floricultural Dept.
We offer our surplus stock of cut flowers and plants at reasonable rates to students and faculty. This stock is grown in modern houses under ideal conditions. Roses, carnations, violets, chrysanthemums and sweet peas in season.
GROWN ON THE CAMPUS
Telephone 300

RAHAR'S INN
Northampton, Massachusetts
EUROPEAN PLAN
The Best Place to Dine
All Kinds of Sea Food
Special luncheon from 11-30 to 2 p. m.
—A la carte service—
6-30 a. m. to 11-30 p. m.
R. J. RAHAR, Prop.

The "Nonotuck"
HOLYOKE'S LEADING HOTEL
Club Breakfasts, 25c & 75c
Business Men's Luncheon, 60c
Sunday Table d'Hote Dinner, $1.25
GORHAM BENEDICT, Mgr.

CLASS MANAGERS

Elton J. Mansell of Cambridge has been elected captain of the 1919 hockey team. Charles G. Mattoon of Pittsfield has been chosen 1919 track manager, to take the place of Myrton Evans, who is unable to hold the position because of sickness.

The Holyoke Valve & Hydrant Co.
Jobbers of Wrought Iron and Brass Pipe, Valves and Fittings for Steam, Water and Gas, Asbestos and Magnesia Boiler and Pipe Coverings, Pipe Cut to Sketch, Mill Supplies. Engineers and Contractors for Steam and Hot Water Heating, Automatic Sprinkler Systems, Boiler and Engine Connections. Holyoke, Mass.

BECKMAN'S
Candies and Ice Cream
"HAMP"

SHOES WITH UNEQUALED PRICES
Direct from the factory.
Latest in Spring and Summer Styles
Best quality—Satisfaction guaranteed
"GYP" GOODWIN '18, A X A House

AMHERST SHOE SHINE PARLOR
The Best Shine in Town.
—Also—
Shoe Repairing
Neatly and quickly done.

PLYMOUTH INN
Northampton
Quiet and Comfortable—Every facility for
BANQUETS PARTY DINNERS
American and European Plans

THE NORTHWESTERN MUTUAL LIFE INSURANCE CO.
For information write to
ELLIOTT HENDERSON, Special Agent
79 Milk Street,
Boston, . . . Mass.

DR. GEO. A. HASWELL
Osteopath
Central Chambers, Center Street,
Northampton, Mass.
Phone 1027-W

PLAZA
Northampton, Mass.
Where the Best
Photo-Play Features ...
Are shown.
PROGRAM CHANGED DAILY

SPRINGFIELD DEFEATED

Varsity Hockey Seven Takes Second Game, 4-2

The Aggie hockey seven defeated the Springfield Y. M. C. A. team 4 to 2 on the latter's rink at Pratt Field a week ago Wednesday. The rink was small and the game somewhat slow owing to the poor ice conditions. Richardson and Chisholm were the big noise for Aggie, while Capt. Jenkins and Benatre did well for Springfield, the latter being responsible for the low score.

The line-up:

M. A. C.	SPRINGFIELD
Buttrick, g	g, Benatre
D. Ross, p	p, Jonanett
L. Ross, cp	cp, Hodge
Chisholm, r	r Hersey
Harwood, c	c, Jenkins
Richardson, lw	rw, Hobart
Seavey, rw	lw, Atkinson

Score—Aggie 4, Springfield 2. Goals—Richardson 2, Chisholm, D. Ross, Jenkins 2. Substitution—Stiles for Harwood. Referee—Bunker. Timer—Magee. Time—15 minute halves.

INTERCLASS RELAY

The first races in the interclass relay series were held at 5 o'clock Tuesday afternoon, with the seniors and juniors winning over the freshmen and sophomores respectively. In the junior-sophomore race, Chapman '18, made a pretty get-away and managed to retain a yard lead until the middle of the second lap, when he stumbled as Yesair was trying to pass him. Price '19 received a small lead from Yesair which was soon lost when Lyons passed him on the second bank. Lyons turned over a five yard lead to Gillette, but Skinner cut this down to a yard. Bainbridge '18, running as anchor man, romped to the finish 10 yards ahead of Leiper. The time was 2 min. 11 4-5 sec.

Dewing '20 started with a three yard lead over Day in the senior race which he maintained through the two laps. Bell '17 soon gained the lead and turned over a substantial margin to Wilcox which was held to the end of the race. The time was 2 min. 10 sec.

The second of the interclass relay races was run Monday afternoon at 5 P. M. The seniors (Day, Bell, Wilcox, Clough) defeated the juniors (Chapman, Lyons, Gillette, Bainbridge) by about one foot in the time of 2 min. 8 sec., the fastest time run this year. Owing to the fact that the two last men of the 1918 team did not tag each other the race is to be run over.

In the second race, the freshmen (Dewing, Holland, Newell, Gray) led the sophomores (Yesair, Coderre, Skinner, Leiper) by two yards in the good time of 2 min. 11 sec.

March 10 is the date set for the annual Indoor Interclass meet. Manager Flint announces the entries must be in soon as they close March 1. Entries should be handed to C. G. Mattoon '19. The fee for entries will be 25 cents for the first entry and 15 cents for each additional one.

SALE FOR PROM
On All Full Dress Accessories

Dress Shirts, Regular $2, Sale $1.50
Derbies, which you must have, Regular $4 and $5, Sale $2 and $3
Silk Hats, Regular $8, Sale $4
Dress Ties, From 20c up
Dress Collars, 2 for 30c, Sale 10c each

Dress Suits and White Vests for Rent. Order early.

SPRING AQUASCUTUMS
Arriving from England every week through our local post office, in spite of the U Boats.
Beautiful line of Spring Goods arriving every day

CAMPION
College Outfitter

—Come to us for—
Fireplace Goods, Coat and Trouser Hangers
Ever Ready Flash Lights and Paint
Clothes and Shoe Brushes
Anything in Hardware and Cooking Utensils
Always glad to see you.

THE MUTUAL PLUMBING & HEATING CO.

Burpee's Seeds Grow
FOR forty years we have rendered faithful service. For forty years we have tried to make each year's service more nearly ideal. This untiring effort has built for us not only The World's Largest Mail Order Seed Business, but also a World Wide reputation for Efficiency and undisputed leadership. The Fortieth Anniversary Edition of Burpee's Annual, *the* "Leading American Seed Catalog" is brighter and better than ever. It is mailed free. A postcard will bring it.
W. ATLEE BURPEE & CO., Seed Growers,
Burpee Buildings Philadelphia

Page's Shoe Store
Largest Stock—Lowest Prices
Expert Repairing—Best leather used

JACKSON & CUTLER
—DEALERS IN—
Dry and Fancy Goods and Choice Family Groceries

THE MASSACHUSETTS COLLEGIAN

Published every Tuesday evening by the Students of the Massachusetts Agricultural College.

BOARD OF EDITORS.

RICHARD W. SMITH '17. Editor-in-Chief
MARSHALL O. LANPHEAR '18. M'ging Editor
MILFORD R. LAWRENCE '17. Assistant Editor
WILLIAM SAVILLE, JR. '17. Alumni Editor

ASSOCIATE EDITORS.

JOHN T. DIZER '17
JOSEPH F. WHITNEY '17
FRANK J. HINKS '18
NATHAN W. GILLETTE '18
ELIOT M. BUFFUM '19
MYRTON F. EVANS '19

BUSINESS DEPARTMENT.

MERRILL P. WARNER '17, Business Manager
JAMES C. POWELL '18, Assistant Business Manager
BIRGER R. ROSEQUIST '18, Advertising Manager

Subscription $2.00 per year. Single copies, 8 cents. Make all orders payable to Merrill P. Warner.

In case of change of address, subscribers will please notify the business manager as soon as possible.

Entered as second-class matter at the Amherst Post Office.

Vol. XXVII. Tuesday, Feb. 20. No. 19

PROM IS HERE AGAIN.

"See the juniors with the belles, winsome belles.
What a world of merriment their laughter gay foretells."

WE could go on further, but respect for the memory of E. Allen Poe bids us contain our fiendish joy. Even constant association with an ever-growing number of co-eds cannot prevent the thrill which runs through "every loyal Aggie man" as he beholds the sweeping invasion of femininity which takes the college by storm every year at just about this time. It is indeed a noble work the juniors have taken unto themselves; we congratulate them and wish them success in their undertaking. To the girls we wish to extend our heartiest felicitations. As guests here, even for such a short period, may you find Old Aggie the place for the best of good times, so that the 1918 Junior Prom may long remain in your mind as the "event of events."

ONCE more the football destinies of M. A. C. are placed in the hands of an Aggie man, and few there are who doubt that they are rightly so placed. In the newly appointed head coach is combined a rare mixture of football ability, forceful enthusiasm and knowledge of human nature—three qualities which go a long way toward spelling success in the position he has been chosen to fill. The job he has tackled is a big one, and in the doing of it he needs, and deserves, to have a loyal student body back of him. If the COLLEGIAN rightly senses student opinion he will get the kind of support which helps and encourages. After having seen his four years of work with freshman teams, we now wish him an equal success in his new field of greater responsibility.

CAMPUS CALENDAR

WEDNESDAY, FEB. 21

2-10 P. M.—Assembly, speaker, Marcus M. Marks, Pres. of Borough of Manhattan, N. Y.
4-10 P. M.—Sophomore-Freshman hockey game, Alumni Field.
6-30 P. M.—Stockbridge Club, Professor McNutt, "The Feeding of Dairy cows and Dairy Problems in General."
7-00 P. M.—Agricultural Economics Club meeting, Clark Hall. Room B. William McKee, Cooperative College Stores.

THURSDAY, FEB. 22

12 M.—Hall holiday.

FRIDAY, FEB. 23

3 P. M.—Prom Hockey game, Williams vs. M. A. C., Alumni Field.
8-30 P. M.—Junior Promenade, Drill hall.

SATURDAY, FEB. 24

11 A. M.—Microbiology seminar, "Interpretation of Anphylaxis by E. G. Hood.
2-30 P. M.—Muscal Clubs Cabaret, Drill Hall.
8-00 P. M.—Prom show—"The Arrival of Kitty"—Stockbridge Hall.

SUNDAY, FEB. 25

9-10 A. M.—Chapel, Rev. Daniel A. Evans, Andover Theological Seminary.

VAUDEVILLE HUGE SUCCESS

Fraternities and Non-Frat Men Work Together to Produce Creditable Show

Massachusetts Aggie undergraduates cut loose in songs and "stunts" Saturday night at the annual student vaudeville show in Stockbridge Hall. From the first strains offered by the Commons Club orchestra through the whole program the show was a succession of laugh provoking numbers. Beta Kappa Phi fraternity led off, featuring a boxing bout between "Babe" Flagg '17 of West Springfield and "Bob" Boles '17 of Dorchester. The "Dippy Hill Stars" by Sigma Phi Epsilon was the next number, with R. P. Caude '20 of Pittsfield and D. T. Newbold '19 Northampton in "They'll Get Us Yet." "Fantasia and Otherwise" was presented by J. H. Smith '19 of Roslindale and J. N. Preble '18 of Jamaica Plain, Theta Chi, assisted by P. L. Burnett '20 of Leicester, soloist, and D. G. Davidson '20 of Amherst, impersonating Harry Lauder. Roger Weeks '18 of Hyde Park, varsity football captain, featured the comedy mixture offered by Kappa Sigma, along with L. P. Hastings '19 of Springfield and C. Crowe '19 of Norwich, Conn. T. P. Wilcox '17 of Andover, Alpha Sigma Phi, and W. C. Sawyer '18 of Berlin, Q. T. V., were together in a comedy duet entitled "A Swell Affair." Next came Phi Sigma Kappa, with "Bud" Ross and "Hank" Buttrick '17 of Arlington, varsity hockey stars, who made a hit in blackface in "The African Rural Problem." "Why Divorce," featuring Mr. and Mrs. Gernon Vastle, in a well executed dance act, was given by G. Y. Wright '20 of Arlington and C. M. Boardman '20 Amherst, Q. T. V. R. Sutherland '19, Alpha Sigma Phi, of Cambridge and J. H. Smith '19, Theta Chi, of Roslindale, got away well in "Their Usual Line." G. King Babbitt '18, of Boston, as Verma Nijinska and P. R. Squires '17, of Belchertown, as Mlle. P. Revere Pavlowa put on the crowning act of the evening for Alpha Sigma Phi. Babbitt's clever tumbling stunts being a feature. Besides the vaudeville acts staged by various fraternities, there was a reel of comedy motion pictures which was furnished by the non-fraternity men.

The show was held under the auspices of the senior class. Philip R. Babcock '17 of Lynn was chairman of the committee on arrangements and had full charge of the production.

MT. HERMON VISITORS

Mr. G. W. Deming of the Agricultural Department of Mt. Hermon, visited the campus Monday, Feb. 19, accompanied by fifteen boys from the school. In the forenoon they visited the departments of agriculture, animal husbandry and poultry. After dinner at Draper hall, a tour of inspection was made, including the departments of dairying, microbiology, floriculture, pomology and entomology. During their stay in Amherst they were entertained by the members of the Mt. Hermon Club.

GRADUATES IN DRAMATICS

Will Present Two Comedies Early in March

Friday, Mar. 2, at 8 P. M. in Stockbridge Hall, is the time and place set for the first public appearance of the M. A. C. Graduate Club in the role of dramatics. At this time the club will present two comedy playlets entitled: "Food" and "A Twelve Pound Look."

The cast is made up of graduate students with some outside talent in special roles. Music will be furnished by the graduate club orchestra.

The proceeds of the affair are to be given to the college as a gift from the club, possibly as the foundation for a scholarship fund. For this purpose tickets will be sold at thirty-five and fifty cents. If the success of the enterprise here at M. A. C. warrants it, the show will probably be repeated at Mt. Holyoke college as negotiations have already been opened.

This evening's entertainment is the outcome of a desire of the members of the graduate club to express their interest in Aggie, to do something for the college, and to become more a part of the institution in which they are taking up their advanced work.

For further up-to-date information watch the bulletin boards about the campus for their daily changes.

Ask your lady love why she turns the teacup up-side-down.

If she says "the maker's name", you can see at once the importance that attaches to it.

It's the same the world over.

A good name vouches for the quality.

At the Amherst House all day to-morrow!

Complete showing of what's what for Spring.

Prices same as in our stores in New York.

"Your money back" should anything go wrong.

MAIL ORDERS FILLED

ROGERS PEET COMPANY

Broadway at 13th St. | "The Four Corners." | Broadway at 34th St.
Broadway at Warren | | Fifth Ave. at 41st St.

NEW YORK CITY

BASKETBALL SEASON BRINGS MAJORITY OF VICTORIES

Review Shows Remarkable Record for Newly Organized Team. One Man Graduates.

The varsity basketball team completed a very successful season Friday night when it played Springfield Y. M. C. A. college. Although defeated in this game and by Williams college on Feb. 8 the team won the other games of a six game schedule. It opened the season on the home floor with Connecticut Aggies winning easily 33–12. The following Saturday Rhode Island State went down to defeat on the Drill hall floor by a score of 31–11.

The game with New Hampshire State was played the following Friday at Durham, N. H. The team here showed that it could win away from home beating the Granite State quintet 22–21.

Aggie met its first defeat when the reorganized and much improved Williams team took their prom game at Williamstown by a 34–15 score. On Alumni Day playing before a large crowd the men showed that they still had the goods and defeated New Hampshire for the second time 27–12.

With renewed spirits the team prepared for its final game with Springfield and journeyed to the "Home City" with the best of hopes of bringing back the bacon but they met defeat by the fast Springfield team 43-28. During the season Aggie scored 156 points while its opponents scored 133, a good record for a new team and one that can be looked to with pride. With a team for the first time since 1909, Aggie met and defeated some of the best small college teams in the east bowing only to two quintets which have defeated many of the best in this section of the country. The varsity will lose only one regular by graduation, Captain Grayson, and with the remaining four men and a wealth of material that will be available Coach Gore should turn out an even more successful quintet next year.

GIVES COURSE AT AMHERST

The preparedness sentiment, made so paramount by the present strained diplomatic relations with the German government, has resulted in the acceptance by Amherst college of an offer from Captain Fleet of the military department to give courses similar to those he is now offering the juniors and seniors at M. A. C. Captain Fleet addressed the student body at chapel Thursday morning and outlined the work he is to supervise for examinations for U. S. army commissions. The work will consist of a three hour period, largely lecture, every Wednesday evening, and will not count toward a degree or serve as a substitute for other work. Should more extensive instruction be needed or desired, the students can obtain it by attending the more comprehensive courses offered at this college.

TWO RACES SCHEDULED

Aggie Relay Runners to Meet Trinity and Boston College in Coming Games.

The last two races for the relay team are scheduled for Wednesday and Thursday of this week. Trinity will be their opponents at the Hartford Armory meet Wednesday and from the way the Aggie men have been traveling in their last few practices their chances for a victory are good. Besides the relay race, Coach Dickinson has entered men in every event, the 75 yard dash, the 300, 600, 1000 and the mile run. The entire squad of seven men will make the trip, Bell, Clough, Pratt and Wilcox '17, Lyons and Bainbridge '18 and Yesair '19.

On the afternoon of Washington's birthday the team will run Boston College at the 9th Regiment games in Boston. The four men who will probably run in this last race are Clough and Pratt '17, Lyons and Bainbridge '18.

RIFLE TEAM AGAIN FOURTH

Washington State Leads Second Team by Margin of 74 Points

The official results of the second match, Class A, of the intercollegiate gallery rifle contest show the M. A. C. team tied with Notre Dame and West Virginia for the third place in the match and fourth place in total score. The scores of the highest colleges competing were:

	Match	Total
Washington State College,	962	1979
Michigan Aggie,	961	1905
Notre Dame University,	915	1835
Massachusetts Aggie,	915	1817
Cornell University,	911	1805
West Virginia University,	915	1793

The team standing of the M. A. C. five was as follows:

F. H. Canlett,	190
A. B. Loring,	185
S. F. Tuthill,	182
C. R. Phipps,	180
J. P. Davies,	178
Total,	915

CAMPAIGN STARTS TOMORROW

Y. M. C. A. Going after Members before Arrival of Cotton.

The membership and financial campaign for the college Y. M. C. A. as announced in assembly a short time ago is to be started on Wednesday, Feb. 21. Plans have been developed so that each man in college will be seen by two representatives of the association who will be prepared to make a brief statement as to the future policy of that organization under the secretaryship of T. L. Cotton of Dartmouth. It is expected that Mr. Cotton will make his first appearance before Aggie students on March 2. The association therefore wants to have the campaign out of the way before he comes. Prompt action and decision will help the Y. M. C. A. men a great deal.

FRESHMEN DEFEAT SEARLES

The reorganized freshman basketball team defeated Searles high school of Great Barrington, who are champions of the Southern Berkshire County League, by a score of 30 to 10 in the drill hall Saturday.

TOWN HALL

TUESDAY ONLY, FEB. 20
Charles Ray in "THE DIVIDEND," strong Triangle play—a story of Wall Street.
Raymond Hitchcock and Fatty Arbuckle in "THE VILLAGE SCANDAL," 30 minutes of laughter
Black Diamond Comedy.

WEDNESDAY, THURSDAY, FEB. 21, 22
Paramount presents
the Screen's Supreme Emotional Actress, Pauline Frederick in "AUDREY," from Mary Johnston's novel.
6th chap. of "GLORIA'S ROMANCE" Pictograph.

FRIDAY AND SATURDAY, FEB. 23, 24
The Photo-play Star Extraordinary, Blanche Sweet in a picturization of Merriman's novel, "THE SOWERS."
CHARLIE CHAPLIN in another 2-reel riot of fun.
Pathe News.

Every Afternoon, at 3 o'clock, entire house 10c, children 5c.
Every Evening, at 8 o'clock, entire floor 15c, balcony 20c.
Box office opens at 2-30 and 7-30 o'clock.

UNITY CHURCH
NORTH PLEASANT ST.
A Church home of the liberal Faith, where every student will meet with a cordial welcome.
REGULAR SUNDAY SERVICE AT 7 P. M.

WHITE'S MUSIC STORE
HENRY K. WHITE
241 MAIN STREET, NORTHAMPTON
Mandolins, Genuine Hawaiian Ukuleles, Picks, Strings, etc., and music for all instruments and all voices. Instruments may be had on trial.

HOW IS THE SOLE WITH YOU?
Get your shoes tapped at
GINSBURG'S, Amity St.
Work neatly done Satisfaction guaranteed

I. M. LABROVITZ
The Leading Tailor and Gents' Furnishings
Full Dress Suits to Rent
Caps and Gowns for Sale or Rent
Also Ladies' Tailoring
Our Work is Guaranteed
We do Dyeing, Cleaning, Repairing and Pressing
PHONE 302-W
11 AMITY STREET, AMHERST, MASS.

The wise ones read our advertisements. It pays. Every young man in this country today is ambitious—or he's a "dead one."
Our specialty is
Clothes for Young Men
that have pep.
MERRITT CLARK & CO., 148 Main Street, Northampton.

WHO SAID A MIDNIGHT LUNCH?
Make it on one of our small
Electric Grill Stoves
Easy to care for and no danger of fire
Also a good line of
STUDENT LAMPS AND APPLIANCES
RUMERY & FAY, Electricians

THE
United States Hotel
Beach, Lincoln and Kingston Sts.
BOSTON, MASS.
Only two blocks from South Terminal Station, and easily reached from North Station by Elevated Railway, and convenient alike to the great retail shops and business centre, also to the theatres and places of interest.
European Plan $1.00 per Day and Upwards
Table and service unsurpassed.
Booklet and map sent upon application
TILLY HAYNES, Proprietor JAMES C. HICKEY, Manager

WEBSTER'S STUDIO
Everything in Photography
GROUPS A SPECIALTY
Good work speaks for itself.
NASH BLOCK, AMHERST, MASS.

AMHERST BOOK STORE
Note Books Fountain Pens
Agents for Rex Typewriter
F. M. CURRAN C. F. DYER

MARSH'S SANITARY
Students' Furniture
RUGS AND CARPETS
— E. D. MARSH ESTATE —

ESTABLISHED 1802
STEPHEN LANE FOLGER, (Inc.)
MANUFACTURING JEWELERS
180 BROADWAY, NEW YORK
CLUB AND COLLEGE PINS AND RINGS
GOLD, SILVER AND BRONZE MEDALS

—JOIN THE BUNCH AT—
EPSTEIN'S TAILORING PARLORS
Now located over post office. Up one flight
Pressing and Cleaning a Specialty
Liberal Ticket System Tel. 36-M

College Stationery
With Class Numerals.
Magazines, Newspapers and Fountain Pens
A. J. HASTINGS
Newsdealer and Stationer

Gallup at Holyoke
293-297 High St.
—SELLS—
Hart Schaffner & Marx Clothes
Come down to Holyoke and see our big store.

S. S. HYDE
JEWELER & OPTICIAN
13 Pleasant St.
Oculists' Prescriptions Filled. Broken Lenses Accurately Replaced. Fine Watch Repairing Promptly and Skilfully Done. Satisfaction Guaranteed

"BIDE-A-WEE"
Creamed Chicken and Waffles
Our Specialty—And other good things to eat.
MRS. L. M. STEBBINS,
Middle Street, Tel. 415-W Hadley, Mass.

The Highland Hotel
Corner of Hillman and Barnes Streets, three blocks from the Union Depot, is a modern hostelry run on the European Plan. It is just a step from Main Street, away from the noise and dust and yet in the center of the business district.

Its rooms are well furnished and comfortable, having a telephone and hot and cold running water in every room. Prices $1 and up; rooms with bath (single) $1.50 and up.

Its excellent cuisine and well ventilated dining room makes a meal a pleasant memory—everything of the highest quality, well cooked and served in the best possible manner.

Stay at the Highland Hotel once and you will anticipate staying there again. Music every evening.

D. H. SIEVERS,
Highland Hotel, Springfield, Mass.

Dr. A. H. Daniels, D. O.
OSTEOPATHIC PHYSICIAN
305 LAMBIE BLDG., NORTHAMPTON, MASS.
Telephone

BUY YOUR
Dental Creams, Toilet Soaps, Shaving Powders,
etc., of
A. W. HAMLIN, AMHERST, MASS.
Call at the Dorms and Fraternity Houses.

Seniors and Juniors
Now is the time to buy those
FILING CASES
For your Bulletins.

Johnson Book Co.
BABBITT WOODWORTH
Alpha Sigma Phi House.

AMHERST GARAGE CO., INC.
Automobile Supplies
REPAIRING IN ALL ITS BRANCHES VULCANIZING

Russell, Burdsall & Ward Bolt and Nut Co.
PORT CHESTER, NEW YORK
ESTABLISHED 1845
Makers of The Celebrated **EMPIRE** BOLTS and NUTS

Batchelder & Snyder Co.
PACKERS AND POULTRY DRESSERS
WHOLESALE ONLY
Beef, Mutton, Lamb, Veal, Pork, Hams, Bacon, Sausages, Poultry, Game, Butter, Cheese, Eggs, Olive Oils.
Blackstone, North and North Centre Streets,
BOSTON, ... MASS.

F. A. SHEPARD
MEN'S STORE
Shoes Hats Furnishings
Local Agent for
E. V. PRICE CO., LAMM CO., BROWNING, KING & CO.,
Custom Tailors
OUR DISCOUNT TICKET SAVES YOU 5%

Carpenter & Morehouse,
PRINTERS,
No 1, Cook Place, Amherst, Mass.

U. L. A. S. ELECTS TWO

Landscape Society Honors Randall and Whitney as Result of Competition.

As a result of the recent competition conducted for students in landscape gardening, Earl M. Randall '17, of Winchester, and Joseph F. Whitney '17 of Brooklyn, N. Y., were elected members in the F. A. Waugh Chapter of the University Landscape Architects' Society at a meeting held last Tuesday. Officers of the Waugh chapter for the present college year were elected as follows: President, Irving C. Root of Kansas City, Mo., secretary-treasurer, Milford R. Lawrence '17, of Falmouth.

U. L. A. S. is a growing national society for the promotion of the interests of the profession. The object of the society is to promote cordial relations between the various schools and departments of landscape architecture, and to establish and maintain a high standard of merit among graduates.

The chapters are at Pennsylvania State, M. A. C., and the University of Illinois. The last is the original chapter, founded in 1914 largely through the efforts of Prof. Ralph Rodney Root, head of the Division of Landscape Architecture. The national president is Philip H. Elwoop, Jr., formerly in charge of landscape extension at M. A. C.

This year's competition took the form of designing an out-door theatre for the space between Wilder Hall and the cross walk. Planting and grading plans were required, with a water color rendering of the general plan of the whole with a five-day limit for time. The insignia of the society is a gold key modeled on the section of a pergola, with the initials U. L. A. S. across the base.

BOSTON ALUMNI BANQUET SCHEDULED FOR MARCH 30

The Massachusetts Agricultural College alumni club at a meeting last week voted to hold their annual banquet March 30 at the Boston City club thus giving official co-operation to the undergraduate executive committee of the Greater Boston club. Plans have been practically completed and a number of interesting speakers have been secured from the ranks of the "old boys." Dr. Joel E. Goldthwaite '85, will be toastmaster. Prof Edwin W. Allen '85, of Washington, D. C., will speak on the department of agriculture in our insular possessions. President Butterfield is expected as well as a number of state department officials. Undergraduate speakers will attempt to renew the memories of old haunts. The musical program is to be furnished by the Greater Boston club. The affair is to be informal in all respects and "Ned" Edwards '14 says, "If the undergraduates bring down the 'pep' the alumni will furnish the hospitality and this combination will make a good banquet."

COMPETITION KEEN

With the last leg of the interfraternity relay races yet to be run the standing of the leaders makes for keen competition. The former time record for the contests was bettered by 2 seconds, Phi Sigma Kappa making 2.12 in the race with Kappa Sigma. This race was bitterly contested all through the losers finishing only 1-5 of a second after the winners. Great interest is displayed in the outcome of these races as there are indications of post season races for the possession of the trophy for the coming year. To date the standing of the fraternities is:

	Won.	Lost.	Percentage.
Φ Σ K	6	1	858.
K Σ	5	1	833
Λ X Λ	4	1	800
Α Σ Φ	4	2	666.
Σ Φ E	4	2	666.
Q T V	3	3	428.
B K Φ	1	5	167.
Θ X	1	5	167.
K Γ Φ	0	6	000

SUNDAY CHAPEL SPEAKER

Rev. Daniel A. Evans of Andover Theological Seminary.

Rev. Daniel A. Evans of the Andover Theological seminary, Cambridge, will address the Sunday chapel Feb. 25. He was born in South Wales in 1866, and came to America with his parents in 1869. Dr Evans was educated at the Wyoming seminary, Kingston, Penn., and the Bangor Theological seminary, and received the degree of A. B. at Bowdoin college in 1890 and that of D. D. in 1906. He was ordained to the ministry in 1891. He was pastor of the North Avenue church, Cambridge, from 1899 to 1909. Since 1909 he has been professor of Christian theology at the Andover Theological seminary.

DEERFIELD DEFEATS FROSH

Deerfield Academy, on its home court last Wednesday, took revenge on the freshmen by a score of 27 to 16. The 1920 men, put up a game fight, making a nip and tuck contest until the last few minutes of play when, by good teamwork, Deerfield pulled ahead to stay.

ECONOMICS CLUB

A regular meeting of the Agricultural Economics Club will be held Wednesday evening at 7-00 P. M. in Room B, Clark Hall. William McKee'18, will speak on "The College Co-operative Store." This is the second of the series of lectures being conducted by the club on this subject.

The White studio of Northampton has been engaged to take the individual and group pictures of the senior class. Sittings will be given at the entomology building during the week of March 5. The sophomores will have their individual pictures taken the week following the seniors, and all proofs will be ready before the Easter recess.

E. B. DICKINSON, D.D.S.
DENTAL ROOMS
Williams Block, Amherst, Mass.
Office Hours 9 to 12 a. m., 1-30 to 5 p. m.

If you have not seen
CHAMBERS '18
for your
PROM CANDY
See "SHORTY"
—At—
HENRY ADAMS & CO.
The Rexall Store—On the Corner

A Bigger, Better Cream Separator FOR THE SAME MONEY

THE FARMER who buys a De Laval this year will get better value than ever before. Not only will he get a better machine, a simpler machine, a machine that will skim even closer than any previous De Laval, but he will get a machine of larger capacity.

And the price has not been increased one cent.

Just think what that means to cow owners in the face of rising prices on almost everything else the farmer has to buy, including other cream separators.

Only the tremendous volume of De Laval salesmakes it possible to give the farmer more for his money when others are giving less.

New Catalog will be mailed upon request
THE DE LAVAL SEPARATOR COMPANY
165 BROADWAY, NEW YORK 29 E. MADISON ST., CHICAGO

European Success With Nitrate

European farmers use 600 pounds to the acre of a fertilizer containing 4½ per cent of available Nitrogen.

American farmers, on the average, use 200 pounds to the acre of a fertilizer containing 2 per cent of mostly unavailable Nitrogen.

Average European yields of Wheat, Oats, Potatoes, and Cotton in Egypt, are double American yields.

The difference is due to amount of available Nitrogen applied per acre.

Write for My Free Book, "What Nitrate Has Done"
Dr. WM. S. MYERS
Director Chilean Nitrate Propaganda
No Branch Offices 25 Madison Ave., New York

IT'S A DEEP, DARK SECRET

"Who's who" in 1919 is a question for debate although it is rumored that one of the leading debaters of the class is its president, among various others "also rans." It is not known whether the class is ashamed of its selection or is pulling some "deep stuff" for the coming banquet season. The COLLEGIAN is assured that the list published in the Springfield *Republican* is erroneous. The secret will probably leak out when the president of the sophomore class is called upon for a speech at President Wilson's inaugural on March 4.

STANDING OF COMPETITORS IN BUSINESS DEPARTMENT

1919

	Credits
Spaulding, H. E.,	9 1-4
King, W. C.,	6 3-4
Ferris, S. B.,	41 3-4

1920

	Credits
Derick, G. R.,	9 1-2
Douglass, D. C.,	1
Maples, J. C.,	30 1-4
Peckham, Wm. H.,	15 1-8
Smith, G. A.,	32

READS FROM BRET HARTE

The second of the new English readings series was held Thursday evening in Stockbridge hall at 6-15. Assistant Professor C. H. Patterson was the reader, and held an interested audience at attention with selections from Bret Harte. Professor Patterson selected the readings in such a manner as to show the author's dramatic power, humor, and ability at character drawing. His imperonations of a "Forty-Niner" amused the audience. Room 114 was well filled, and over one half of the attendance was from the freshman class.

SQUIB CANDIDATES

Prior to elections to the Squib board to fill the vacancies left by the departing senior members the following men have been appointed for eligibility. Assistant business manager, S. Boynton Ferris '19, Arland J. Wing '19, Donald C. Douglas '20, and Lawrence P Martin '20. Art staff, Milton F. Webster '20, and Carroll W. Bunker '20. Associate editor, Irving W. Ingalls '18; editorial assistant, Harry L. Dixon '20.

SENATE MINUTES

Regular Meeting of the Senate, Tuesday, Feb. 6, 1917.

Day and Messenger were absent.

Communication read from President Butterfield concerning dogs on campus.

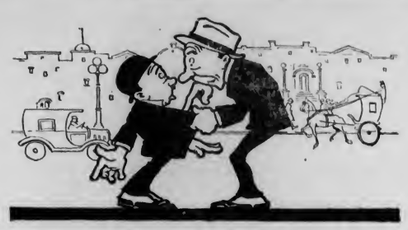
Communication concerning ink stains and smoking in Stockbridge Hall read. Announcement to be made in Assembly.

Report of committee on Co-operative Store. Suggested that the Economics Club have discussions and either turn it down or put the matter before the student body.

Voted:

That the committee on cheer leader rules submit rules to Mr. Hicks for approval before passing on them.

Report of Pageant Committee. Members of committee from student body have been appointed.



NO ARGUMENTS!
We have everything in the line of
Full Dress Clothes and Haberdashery
that is right for the Prom.
OUR FULL DRESS VESTS
are worthy of the "once over."

SANDERSON & THOMPSON
Hart Schaffner & Marx Clothes

School and College Photographers . . .
White Studio
LOCALLY: 52 Center St., Northampton, Mass., and South Hadley, Mass
MAIN OFFICE: 1546-1548 Broadway, New York City
These Studios offer the best skilled artists and most complete equipment obtainable

Insure Your Crops and Your Profits
Write today for prices on
E. Frank Coe Fertilizers
1857 The Business Farmers' Standard for Sixty Years 1917
Ask For Our Crop Books. We Want Reliable Agents in Unoccupied Territory
Address Agency Manager
THE COE-MORTIMER COMPANY
Subsidiary of the American Agricultural Chemical Co.
51 CHAMBERS STREET . . . NEW YORK CITY

DEPARTMENT NOTES

On Thursday evening the 15th, Professor Sears spoke at a dinner of the Massachusetts Agricultural Club in Boston on the subject: "Some of the Factors in the Successful Marketing of Fruit."

At a meeting of the Williamsburg fruit growers' association, one of the largest of its kind in the United States, members of the faculty of M. A. C. last week gave talks on various phases of the industry. Professor F. C. Sears spoke on "Competition from orchards of the South and West," while A. D. Kilham's subject was "Spraying Apples in 1917." The meeting was well attended.

Prof. J. C. McNutt, head of the animal husbandry department of the Massachusetts Agricultural college, will aid in the judging at Cornell university during their Farmers' Week. Professor McNutt will judge the work of a class of students in fitting up stock for show purposes and is also slated to judge the stock in their live stock show.

1916 NOTES

Harold Mahan is on a 1000 acre farm in Brattleboro, Vermont, working in an orchard of over 7000 trees.

As a class 1916 has been well represented at college this year. There are a number of men doing post graduate work, while some are studying for a doctor's degree. Charlie Gould, who has his office at No. 2 South College, represents the college as its field agent. At the present time he is busily engaged in giving information to high school students. Carrick Wildon is an assistant in the department of floriculture and is filling the vacancy left by Arthur S. Thurston '14 last year. George Ray is studying for a doctor's degree in microbiology and is serving as a laboratory assistant in that department. Guy Knapton has recently returned to college to accomplish a little work in entomology, after being employed by the government last year in destroying the while pine blister rust.

JUNIOR PROM FESTIVITIES

[Continued from page 1]

cupy the pleasure-seekers on Sunday afternoon, and the prom season will come to a close that evening at 6 o'clock.

Although only 35 couples have so far bought tickets for this year's prom, several of the fraternities are planning house parties. Mrs. W. H. Baxter of Brighton will chaperone 10 couples at the Alpha Sigma Phi house, while Kappa Sigma will also entertain 10 couples, with Mrs. Powell of Newport, R. I., and Mrs. C. S. Hicks of Amherst as chaperones. Phi Sigma Kappa anticipates 12 couples, and Captain and Mrs. H. W. Fleet will chaperone the party.

The Massachusetts Agricultural College

Offers courses of instruction in twenty seven teaching departments, which embrace the study of

Agriculture, Horticulture, Science, Humanities and Rural Social Science.

A student may specialize in the following subjects:

Agriculture, Agronomy, Animal Husbandry, Dairying, Poultry Husbandry, Rural Journalism, Floriculture, Forestry, Landscape Gardening, Pomology, Agricultural Chemistry, Agricultural Economics, Economic Entomology, Microbiology, Economic Botany, Agricultural Education, Rural Sociology

For complete catalog and illustrated booklet, write

KENYON L. BUTTERFIELD, PRESIDENT
AMHERST, MASS.

COLLEGIAN DIRECTORY

	Telephone
Associate Alumni,	C. A. Peters, Secretary—454–W
Joint Committee on Intercol. Athletics,	H. M. Gore, Secretary—403–M
M. A. C. Athletic Field Association,	C. S. Hicks, Treasurer—403–M
Non-Athletic Association,	H. E. Robbins, Manager—res. 62–W
The College Senate,	L. T. Buckman, President—416
Football Association,	J. A. Chapman, Manager—8314
Baseball Association,	R. D. Hawley, Manager—8314
Track Association,	O. S. Flint, Manager—544–M
Hockey Association,	M. R. Lawrence, Manager—8347
Basketball Association,	N. Moorhouse, Manager—8364
Rifle Club,	S. F. Tuthill, President—416
Roister Doisters,	A. F. Williams, Manager—8364
Musical Association,	D. M. Lipshires, Manager—416
Nineteen Hundred Eighteen Index,	K. L. Messenger, Manager—8347
Nineteen Hundred Nineteen Index,	E. M. Buffum, Manager—8364
M. A. C. Christian Association,	D. O. Merrill, President—416
M. A. C. Catholic Club,	J. H. Day, President—8377
Fraternity Conference,	L. T. Buckman, President—416
Stockbridge Club,	P. W. Latham, President—416
Interclass Athletic Committee.	O. G. Pratt, Secretary—8347

There are Seven Good Reasons why you should buy your
COAL
of
C. R. ELDER

WOODWARD'S LUNCH
27 Main St., Masonic Bldg., Northampton, Mass.
Lunches, Soda, Ice Cream
Closed only from 1 A. M to 4 A. M

The Connecticut Valley Street Railway
From Amherst, via Northampton, through the Hatfields, past the foot of Sugar Loaf Mt., alongside the famous Bloody Brook battle ground to Old Deerfield, thence to Greenfield, Turners Falls and across the "Plains" to Lake Pleasant, Montague and Millers Falls.
50 Miles of Trackage—Modern Equipment—Train Dispatching System—Freight and Express Service over entire line.
Connecticut Valley Street Railway Company

Jacob Reed's Sons are the leading manufacturers of
UNIFORMS
For college and military schools, and have won and maintain their prestige by sheer merit. The uniforms worn at Massachusetts Agricultural College are finished examples of our product.
JACOB REED'S SONS.
Makers of "Gold Medal Uniforms."
1424-1426 Chestnut St., Philadelphia, Pa.

SILVER CIGARETTE CASES
On Display
—AT—
DEUEL'S DRUG STORE
Amherst, Mass.

COLLEGE SHOES
We carry the largest stock in the state outside of Boston.
MODERN REPAIR DEPT.
E. M. BOLLES
THE SHOEMAN

CARS
Leave M. A. C. for Holyoke at 7:20, 8.10, 9.10, 10-20, and at 20 minutes past the hour until 11:20 P. M.

CARS
Leave Amherst for M. A. C. at 6.05, 6.25, 7.00, 7-30, 8.00, 8-15, 9.15, 9-30, 10-15, 10-30, 11-15, 11-30, 12-30, 12-45, 1-30, 1-45 and at 45 minutes past the hour up to 9.45, and at 10-30 and 11.00 P. M.
Last car at 12-30 A. M.
Special Cars at Reasonable Rates
AMHERST & SUNDERLAND ST. RY. CO

THE TERPSY PARLOR
Cleaning Pressing Repairing
Quickest service, Best Work, Lowest Price
All work carefully done. Work called for and delivered. Gents' overcoats, suits, pants and coats. Ladies' fine linen suits a specialty.
Teams will call every day at M. A. C.
WM. FRANKLIN, Prop.
Rear Nash Bl'k, Amherst. Tel. No. 342-4

Amherst
CO - OP LAUNDRY
High-Grade College Work

Shirts,	10-15c
Collars,	2 1-2c
Cuffs,	2 1-2c
Plain wash,	48c per doz.
Same, rough dry,	30c per doz.

DRY CLEANING AND PRESSING
Steam Pressing 40c, 3 Suits for $1.00
Dry Cleaning and Pressing, $1.50 a Suit
All bills payable at Co-op. Store and parcels left there will receive prompt attention.
GRAYSON '17, Agent
HIGGINBOTHAM '17, Asst. Agent

THE MASSACHUSETTS COLLEGIAN

MASSACHUSETTS AGRICULTURAL COLLEGE

Vol. XXVII. Amherst, Mass., Tuesday, February 27, 1917. No. 20

ALUMNI VOTE TO PUBLISH MAGAZINE FOR GRADUATES

First Issue Appears Next Month. To be Devoted Strictly to Graduate News.

At the executive board meeting of the Associate Alumni, last Wednesday it was voted that an alumni magazine be published, the first issue of which will appear between March 15 and April 1st. This magazine will be devoted strictly to alumni news and such other information as will be of interest to M. A. C. graduates.

The board of editors consists of Fred D. Griggs, 1913, editor-in-chief; associate editors, Dr. Frederick Tuckerman, 1878, Dr. J. B. Paige, 1882, Dr. C. A. Peters, 1897, Clinton King, 1907 and Charles H. Gould, 1916; business manager, E. F. Damon, 1910.

This publication will be called the M. A. C. Alumni News, Series 2, which is a continuation of the old alumni magazine published by the Associate Alumni. The subscription price will be one dollar per year.

PROM SHOW

Cast Makes Hit Before Large Audience. Parts Well Taken

Before a large audience of "prom" guests and students "The Arrival of Kitty" was presented by the Roister Doisters Saturday evening as its annual dramatic production. To say that the action was perfectly executed tells but little of the story for too much credit cannot be given the members of the cast. The play, a farce in three acts, is the revival of an old play of the same title in which a little love affair becomes the pivot of the most intricate complications.

The female parts, three in number were so cleverly taken by Louis Hastings '19, Douglar T. Newbold '19, and Charles R. Wilber '17 that the uninitated among the audience thought the "co-eds" most skillful as dramatic stars. William G. Sawyer '18 was easily the star of the evening with T. Palmer Wilcox '17 as Sam, a colored porter no mean contender with his usual line of humor. Lewis T. Buckman '17 fitted into his part quite naturally. Arthur F. Williams '17 as leading man kept events moving into all sorts of channels which Johnathan H. Smith '19 as Bobby Baxter tried to solve in a blundering college man fashion.

TRINITY NOSES OUT RELAY RUNNERS BY SIX INCHES

Race the Feature of Armory Meet. Team Wins from Boston College by 20 Yards.

Losing to Trinity by a bare six inches and winning over Boston College by a margin of twenty yards, the Massachusetts Aggie relay runners ended a good season on Wednesday and Thursday of last week. The race with Trinity at the Hartford armory meet was easily the feature event of those games, in spite of the fact that Harvard and Holy Cross had been booked to fill the bill. Bainbridge, the Aggie lead-off man, gained about 15 yards over Goldstein of Trinity, but Lyons lost some of this to Bjorn who made a wonderful sprint at the finish. Clough managed to gain a fair lead over Hahn, Trinity's third man, and Pratt started on the last leg of the race with a slight advantage. Gradually Fox, running a hard race for Trinity, closed up the lead that Pratt held, and for the last lap they ran with less than a yard separating them. When it seemed sure that the Aggie men would win out, and with only a yard between him and the finish, Fox literally threw himself over the line and broke the tape less than six inches ahead of Pratt, making it one of the most spectacular races ever seen at the Hartford armory.

Aggie was again in the spot light at the 9th Regiment Meet in Boston Thursday afternoon, where Dave Caldwell ex-'13 broke the world's record for the 1000-yards, winning out over "Joe" Higgins of Holy Cross in 2 minutes 15 seconds. The M. A. C.—Boston College relay race was the only college event of the meet. Dempsey of Boston college had the pole and got a good start over Bainbridge who was running first for M. A. C. The Aggie runner made a plucky fight for a lap and a half and passed Dempsey just before the third bank was reached. The B. C. man dropped his baton, and before he could get started on his way again Bainbridge had gained a ten yard lead. Lyons outraced McCormick and increased the Aggie lead by a good five yards more. Clough did his bit in good shape and left Simmons 20 yards in the rear when the second lap was finished. Captain Pratt held his own throughout the

[Continued on page 8]

COMMITTEE DRAFTS RULES GOVERNING STUDENT LABOR

Work Classified Under Three Heads. Employment to be Given on Score Card Basis.

In order to make more certain an equitable distribution of labor at the college, a set of rules has been drafted by the Committee on Employment and approved by the president. These rules have already been put in force as far as possible and will be fully applied at the beginning of the college year 1917-'18.

The principal provisions in the rules are as follows:

1. Labor is to be classified as:
   a. Skilled — requiring special training or qualifications.
   b. Unskilled but permanent positions.
   c. Unskilled, transient labor.

2. Appointments to permanent positions will be made for only one year but a student may be reappointed provided his record as to work, scholarship and deportment is satisfactory. Appointments may be revoked at any time for sufficient cause.

3. During the second week of April of each year, the Secretary of the Committee shall cause to be published or posted a list of positions open for application and available during the succeeding college year. Applications must be made in writting and on blanks furnished for the purpose.

4. Each student will be given a rating by the Committee of Employment with the following score card as a basis:

PLUS CREDITS.

1. Need	50
2. Previous labor records	25
3. Scholarship	25
	100

MINUS CREDITS.

1. Residence outside state	10
2. Failure to respect and conform to College rules and regulations	25
3. Individual disqualifications for the special position	25
	60

Students expecting to apply for positions the coming year should appear before the Committee as soon as convenient and secure a rating.

5. No student will be allowed to hold more than one regular position unless the income, or equivalent, of

Continued on page 8]

PROGRAM ANNOUNCED FOR FIFTIETH ANNIVERSARY

Includes Presentation of Pageant, Addresses, Student Carnival and Dedication of Alumni Field.

The committee in charge of the fiftieth anniversary of the foundation of the college, to be held next October, has arranged a tentative program for the celebration. This is subject to changes as the plans are developed. The program covers a period of five days, and includes not only the presentation of the pageant, treating of the farmer, the land grant act, etc., but also athletic meets, a well balanced list of addresses, dedication of alumni field, and receptions, as well as a student carnival. Following is the tentative program as submitted by the committee:—

SATURDAY, OCTOBER 6.

3.00 p. m. First presentation of the Pageant on Clark Hill.

SUNDAY, OCTOBER 7.

3.00 p. m. On pageant grounds. Address by Dr. Thompson, president of the Ohio State University. Chorus of 100 to 200 students with orchestra. A new college hymn needed!

MONDAY, OCTOBER 8.

10.00 a. m. Intramural Athletic meet.
11.00 a. m. The dedication of Alumni Field. The alumni have charge of the program.
2.00 p. m. Football, Vermont vs. M. A. C.
5.00 p. m. Special Alumni Dinner in Drill Hall. The management are planning on 800 alumni. Old songs and old pictures; the sole surviving instructor of '71.
9.00 p. m. Undergraduate Night. Carnival out of doors. This is the students' part of the program. Procession, stunts, bonfire, the pond turned into Venice.

[Continued on page 8]

TO RUN FOR TROPHY

Keenest rivalry is to be brought to a climax this week when the relay teams of the Kappa Sigma and the Phi Sigma Kappa clash in the banner race of the season which will decide the winner of the trophy offered by the interfraternity conference. Both teams have suffered one defeat each during the season's contests. Only one fifth of a second separates the best times made by the respective teams. The race will probably be run Friday afternoon.

PROM FESTIVITIES ENJOYABLE DESPITE BAD WEATHER

Wittstein's Dance Music Feature of Friday's Events. Drill Hall Tastefully Decorated. Several House Parties

Music that appeased the dance-hunger of half a hundred couples and a program of events calculated to satisfy the most fastidious combined to make the junior prom of the class of 1918 one long to be remembered. From 9 till after 5 in the morning, Wittstein of New Haven drew forth every known piece of danceable music that has made a recent appearance, introducing many pleasing novelties among the 32 numbers. As for the drill hall itself, the casual guest little realized what lay concealed beneath the crepe. A low arched ceiling of blue, with side walls of white, laid off into panels divided by strips of blue crepe, constituted the main feature setting, which was to simulate a formal garden. At intervals along the sides of the hall were set square posts, supporting blue lights, and in front of each post was a small clipped box tree. The rest of the illumination came from two shower clusters of blue lights hung from the ceiling near the ends of the hall. The orchestra was stationed in a fenced-off area at the north end, while at the south under the gallery was an attractive room for the chaperones and, separated from it by a lattice partition, the refreshment booth. By far the most unique feature of the decorations was the pool of water, flanked at all sides with palms and having a box tree at each corner. A small fountain spouted up in the center, while goldfish swam around among the water plants. Also on the axis with the main entrance was the pergola, located on the west side of the hall and trimmed with southern smilax arranged naturalistically. The scheme was carried out in considerable detail and with abundance of greenery transformed the old drill hall into a ball room of decidedly gardenesque appearance.

Saturday afternoon the prom guests had their first opportunity to hear the M. A. C. musical clubs at the cabaret, where refreshments were served throughout the afternoon at tables arranged around the sides of the hall. A well rendered program of 16 numbers, 10 of them dances, gave the visitors a taste of the best in every department of the clubs—glee club, mandolin, and orchestra. In the evening the Roister Doisters had their turn and did themselves full justice in "The Arrival of Kitty," which received plenty of applause from the audience which crowded the auditorium almost to its capacity. By Sunday afternoon at 4 the prom season had officially closed, and the fraternity houses were restored to their former occupants.

The favors for both the men and the girls were of attractive brown suede leather, stamped with the college seal and the inscription "1918—Junior Prom". Those of the girls were in the shape of small vanity cases, while the men's took the form of card cases. On this year's junior prom committee were: M. O. Lanphear, chairman; F. K. Baker, treasurer; J. A. Chapman, taxis; J. J. Maginnis, programs; W. N. Thompson, decorations; S. S. Smith, supper; H. N. Worthley, music. The faculty member was F. A. Cushing Smith of the department of landscape gardening, who designed the scheme for the decorations. The patrons and patronesses were Gov. and Mrs. Samuel W. McCall, President and Mrs. K. L. Butterfield, Dean and Mrs. E. M. Lewis, Registrar and Mrs. P. B. Hasbrouck, Prof. and Mrs. F. P. Rand, Prof. and Mrs. O. S. Clark, and Prof. and Mrs. Curry S. Hicks.

The list of guests follows:

Phi Sigma Kappa: Chaperones, Capt. and Mrs. H. W. Fleet. Chapman and Miss Judy Eggleston of Franklin, Tenn., Boaz and Miss Velma Merrifield of Covesville, Va., Buckman and Miss Phoebe Lee of Wilkes-Barre, Pa. Carlson and Miss Alma Smith of Pittsfield, Edwards and Miss Myra Ruppell of Lynn, Harwood and Miss Martha Emmons of Wellesley Hills, Hawley and Miss Geraldine Brown of Matteawan, N. J., Huntoon and Miss Gladys Huntoon of Norwood, Saville and Miss Ruth Shepard of Pittsfield, Ross and Miss Van Alstyne of Kinderhook, N. Y.

Kappa Sigma: Mrs. F. S. Powell of Newport, R. I., and Mrs. C. S. Hicks of Amherst, chaperones. Powell and Miss Anna Decker of Newport, R. I., Spaulding and Miss Evelyn Richards of Hingham, Worthley and Miss Ruth Woodbridge of Somerville, Weeks and Miss Kara Stanley of Hyde Park, Lanphear and Miss Florence Roe of Northampton, Munor and Miss Frances Copeland of Upper Montclair, N. J., Gore and Miss Dorris Rankin of Springfield, Pratt and Miss Marjorie Moses of Ticonderoga, N. Y., Smith and Miss Eleanor Barker of Portland, Me.

Alpha Sigma Phi: Chaperone, Mrs. W. H. Baxter of Brighton. Maginnis and Miss Jean Talt of Albany, N. Y., Thompson and Miss Hilda Sanderson of Brighton, Dickey and Miss Beatrice Squires of Belchertown, Squires and Miss Marion Taylor of Dover Plains, N. Y., Woodworth and Miss Edith Whittier of Lowell.

At "The Perry": Beadle and Miss Margaret Yeomans of Kansas City, Mo., Perry and Miss Myers of Boston, Rutter and Miss Rosamond Bennett of Weston, Schenkelberger and Miss Campbell of Boston, Stiles and Miss Ruth Capron of Champaign, Ill., Baker and Mrs. Nicholson of New Bedford.

Also: Buchanan and Miss Luela Nash of Amherst, Chamberlain and Miss Loraine Carr of Holden, Clapp and Miss Helen Bailey of Swampscott, Laird and Miss Margaret Howard of Brockton, Lawrence and Miss Margaret Fraser of Denver, Colo., Lipshires and Miss Alberta of Northampton, Marshall and Miss Ruth Gates of Amherst, Quimby and Miss Margaret Motter of Washington, D. C., Sampson and Miss McGrath of Fall River, Sawyer and Miss Powers of Amherst, Smith and Miss May Cameron of West Roxbury, Stockwell and Miss Maner of Sharon, Thayer and Miss Susan Smith of Great Barrington.

DRAPER LUNCH

Northampton, Mass.

Where all foods of the best quality are served at the minimum price

WM. M. KIMBALL, Proprietor.

Dr. L. O. Whitman
21 Pleasant St., Amherst, Mass.
Office Hours: 1-3, 7-8 p. m. Sunday and other hours by appointment.

Eyes Examined
Glasses Furnished
OSCAR L. McCULLOCH
54 Suffolk St. Holyoke, Mass.

Croysdale Inn
SOUTH HADLEY, MASS.
Good Beds and Good Things to Eat.
Telephone 2628-W, Holyoke.

FLEMING'S SHOE STORE
Northampton

Cox Sons & Vining
72 Madison Ave., New York

Caps
Gowns
Hoods
for all Degrees
ROBES FOR JUDICIARY, CLERGY AND CHOIR

FLOWERS AND PLANTS
Grown by the Floricultural Dept.
We offer our surplus stock of cut flowers and plants at reasonable rates to students and faculty. This stock is grown in modern houses under ideal conditions. Roses, carnations, violets, chrysanthemums and sweet peas in season.
GROWN ON THE CAMPUS
Telephone 300

RAHAR'S INN
Northampton. Massachusetts
EUROPEAN PLAN
The Best Place to Dine
All Kinds of Sea Food
Special luncheon from 11-30 to 2 p. m.
—A la carte service—
6-30 a. m. to 11-30 p. m.
R. J. RAHAR, Prop.

The "Nonotuck"
HOLYOKE'S LEADING HOTEL
Club Breakfasts, 25c to 75c
Business Men's Luncheon, 60c
Sunday Table d'Hote Dinner, $1.25
GORHAM BENEDICT, Mgr.

BECKMAN'S
Candies and Ice Cream
"HAMP"

SHOES WITH UNEQUALED PRICES
Direct from the factory.
Latest in Spring and Summer Styles
Real quality—Satisfaction guaranteed
"GYP" GOODWIN '18, A X A House

AMHERST SHOE SHINE PARLOR
The Best Shine in Town.
—Also—
Shoe Repairing
Neatly and quickly done.

RAYSEL'S
Clothes, Furnishings, Shoes, Hats

THE COLLEGE MAN'S STORE
179 Main St., Northampton

PLYMOUTH INN
Northampton
Quiet and Comfortable—Every facility for
BANQUETS PARTY DINNERS
American and European Plans

THE NORTHWESTERN MUTUAL LIFE INSURANCE CO.
For information write to
ELLIOTT HENDERSON, Special Agent
79 Milk Street,
Boston, . . . Mass.

DR. GEO. A. HASWELL
Osteopath
Central Chambers, Center Street,
Northampton, Mass.
Phone 1027-W

PLAZA
Northampton, Mass.
Where the Best
Photo-Play Features ...
Are shown.
PROGRAM CHANGED DAILY

MAROON TEAM BATTLES TO DEADLOCK WITH WILLIAMS

The annual prom hockey game played with Williams on the Alumni Field rink ended in a tie score of 1-1 after a hard played contest. Two overtime periods were played but the deadlock could not be broken. Because of the soft ice it was practically impossible to carry the puck and the game generated into shinny. The scoring was all done in the first few minutes of play before the surface had become too rough. The remainder of the first half was without results although Chisholm and Richardson made good attempts at the Williams goal. In the second half both teams started out strong but because of the difficulty of shooting and carrying the puck no more goals were recorded. For the Williams team Captain Rochester and Hegardt played a strong game. Chisholm showed up especially well in the M. A. C. forward line.

The line-up:

M. A. C.		WILLIAMS.
Buttrick Capt.,	g	g, Hatch
L. Ross,	p	p, Collius
D. Ross,	cp	cp, Brown
Richardson,	lw	rw, Mann
Stiles,	rw	lw, Banks
Barward,	c	c, Hegardt
Chisholm,	r	r, Rochester Capt.

Score—M.A.C.1, Williams 1. Goals first half—Hegardt 5:00, Richardson 10:00. Penalties second half—Hegardt 1 minute for offside. Referee—Wildon of M. A. C. Time—20-minute halves and two 5-minute periods.

RIFLE TEAM PLACES FIFTH

The official score for the third rifle match, as pubished in the *Arms and the Man*, places M. A. C. in fifth position for the week with a score of 902, Michigan Aggie, Notre Dame, Cornell and Norwich university ranking ahead, with no report in from Washington State. For the total of the three matches, again with no score in from Washington State. Michigan Aggie leads with 2860, Notre Dame follows with 2765, Cornell comes next with 2728, and M. A. C. is fourth with 2719. Norwich ranking a close fifth. However, 902 is the lowest score that Aggie has shot, and with an unofficial score of 926 for the fourth match she should be ahead of Cornell next week. The official revision of the score is as follows:

Canlett, F. H.	181
Parsons, E. F.	181
Loring, A. B.	181
Phipps, C. R.	180
Davies, J. P.	179
Total,	902

H. C. Hunter '19 of South Hadley Falls has pledged Alpha Sigma Phi.

SALE FOR PROM
On All Full Dress Accessories

Dress Shirts, Regular $2, Sale $1.50
Derbies, which you must have, Regular $4 and $5, Sale $2 and $3
Silk Hats, Regular $8, Sale $4
Dress Ties, From 20c up
Dress Collars, 2 for 30c, Sale 10c each

Dress Suits and White Vests for Rent. Order early.

SPRING AQUASCUTUMS
Arriving from England every week through our local post office, in spite of the U Boats.
Beautiful line of Spring Goods arriving every day

CAMPION
College Outfitter

—Come to us for—
Fireplace Goods, Coat and Trouser Hangers
Ever Ready Flash Lights and Paint
Clothes and Shoe Brushes
Anything in Hardware and Cooking Utensils
Always glad to see you.

THE MUTUAL PLUMBING & HEATING CO.

BURPEE REGISTERED TRADE MARK "The Seal of Quality"
Burpee's Seeds Grow
FOR forty years we have rendered faithful service. For forty years we have tried to make each year's service more nearly ideal. This untiring effort has built for us not only The World's Largest Mail Order Seed Business, but also a World Wide reputation for Efficiency and undisputed leadership. The Fortieth Anniversary Edition of Burpee's Annual, *the* "Leading American Seed Catalog" is brighter and better than ever. It is mailed free. A postcard will bring it.
W. ATLEE BURPEE & CO., Seed Growers,
Burpee Buildings Philadelphia.

Page's Shoe Store
Largest Stock—Lowest Prices
Expert Repairing—Best leather used

JACKSON & CUTLER
—DEALERS IN—
Dry and Fancy Goods and Choice Family Groceries

THE MASSACHUSETTS COLLEGIAN

Published every Tuesday evening by the Students of the Massachusetts Agricultural College.

BOARD OF EDITORS.

RICHARD W. SMITH '17. Editor-in-Chief
MARSHALL O. LANPHEAR '18. Mging Editor
MILFORD R. LAWRENCE '17. Assistant Editor
WILLIAM SAVILLE, JR. '17. Alumni Editor

ASSOCIATE EDITORS.

JOHN T. HOZER '17
JOSEPH F. WHITNEY '17
FRANK J. BINKS '18
NATHAN W. GILLETTE '18
ELIOT M. RIFFUM '19
MYRTON F. EVANS '19

BUSINESS DEPARTMENT.

MERRILL P. WARNER '17. Business Manager
JAMES C. POWELL '18.
Assistant Business Manager
BIRGER R. ROSEQUIST '18.
Advertising Manager

Subscription $2.00 per year. Single copies, 8 cents. Make all orders payable to **Merrill P. Warner.**

In case of change of address, subscribers will please notify the business manager as soon as possible.

Entered as second-class matter at the Amherst Post Office.

Vol. XXVII. Tuesday, Feb. 27. No. 20

THURSDAY afternoon the students were given a half-holiday on account of Washington's birthday. If half a day is all that the college can grant the students, why should the faculty as well as some of the administrative officers be given the whole day. Some of the students who wished to see certain members of the faculty Thursday morning were disappointed to learn that they were not in and that the holiday rules did not apply to them. It was especially noticeable in regard to the office of the secretary of the college. Several men had important business with that office and found it closed all day. If the college can only justify itself in giving the student body a half day, we would like to know upon what ground the administrative officers are placed? Are all the factors of the college working with a common interest or is there to be a class distinction between faculty and students?

PROMINENT FLORIST TO TALK ON RETAIL TRADE

Mr. F. E. Palmer, florist and landscape gardener, of Brooklyn, is to give a talk before the M. A. C. Florists' and Gardeners' Club in French Hall, Thursday night at 7-30. Mr. Palmer is one of the most progressive and up-to-date florist in the eastern part of the state and has been recently bending all his efforts toward efficient business methods for the florist. He will speak on the subject "Retail Florists' Store Management" and will follow this talk with a general discussion.

The Holyoke and Northampton Gardeners' and Florists' Clubs will be guests of the local club at this talk. Any member of the student body is welcome and sophomores intending to major in floriculture are urged to be present.

HOCKEY SEPTET CLOSES SUCCESSFUL SCHEDULE

Total of Three Wins, Three Defeats and Two Tie Games.

The prom game with Williams on Alumni field Friday completed a very successful schedule for the varsity hockey team. The seasons total score shows a balance of six goals in Aggie's favor having scored 20 points to their opponents 14. In reviewing the games won and lost the summary ends in an even break, with three wins, three defeats and two ties.

The season opened Jan. 17 with a 9 to 1 victory against Springfield Y. M. C. A. college The game was a walk away as the Aggie septet had little trouble with their opponents.

On the following Wednesday the team met the strong Green aggregation at Hanover, and in a close fast game lost 2 to 0. Following close after the Dartmouth game, came the Yale contest, the only game played on artificial ice or in a closed arena, and once more the team lost by a narrow margin 4 to 3.

The game with M. I. T. closed in a dead lock, neither team scoring owing to poor ice conditions. On the following Friday the team went to West Point and broke the losing streak by a 2 to 1 win. The team won from Springfield for the second time on the following Wednesday, in a game played on a small rink under poor ice conditions.

A snow storm and rough ice prevented the game with Williams scheduled for Feb. 9. This was the only game that had to be cancelled. The Aggie septet was defeated by Dartmouth on Alumni field Feb. 17 in the second ice contest between the two colleges this year.

The prom game which closed the season on last Friday, ended in a 1 to 1 tie which could not be broken by two five minute over time periods.

The team loses three men by graduation, Captain Buttrick, goal, Ross, cover point and Stiles, center, all former Arlington High players. Buttrick and Ross have been the main stay of the defense since their freshman year and their loss will be keenly felt, while Stiles has been playing a consistent game at center this year. Left wing has been handled by Richardson '18, who together with Chisholm '19 of Melrose High at rover have formed the basis of the Aggie attack. Seavey '19 played a consistent game at right wing while Harwood '18 and Hunnewell '18 substituted at forward. The defense, as has been mentioned has been in the charge of L. Ross at cover point and Captain Buttrick at goal, while D. Ross another Arlington star has filled the position of point.

Dean Lewis was present at the annual Williams banquet held at the Waldorf Astoria last week.

NOTICES

Mr. May of White's Studio will begin taking pictures of the members of the senior class at the Entomology building, Monday, March 5. A schedule of hours has been posted in the West entry of North College.

Seniors will please sign up at once!

R. W. SMITH, Ch.

Meeting of COLLEGIAN Board Wednesday, March 7, at 5-00 P. M., in the COLLEGIAN office. Election of new members to the board.

R. W. SMITH.

The election of hockey manager will take place in Assembly Feb. 28. Candidates are Wesley S. Sawyer '18, of Jamaica Plain and Carlton T. Smith '18, of Newton.

JAMES H. DAY,
Ch. of Election Committee.

Prof. Lockwood will address the Stockbridge Club Wednesday, at 7-00 P. M., Room 114 Stockbridge Hall, on "The handling and marketing of milk."

FOOTBALL MEN ATTENTION!

All men who contemplate going out for football next fall are asked to hand their names to Chapman '18, Batchelder '19 or Chisholm '19 before Saturday. This is necessary in order that proper equipment be in readiness for next season's work.

SENATE MINUTES

Meeting held Wednesday evening, Feb. 21, in joint session with the Faculty Committee on interclass contests. Rules were drawn up providing for an open banquet season off the campus, forbidding use of private buildings by either class.

Meeting held Monday afternoon, Feb. 26. Announced that proposed rules for the freshmen banquet had been rejected by the faculty. Moved that announcement be made of same to the student body, and that the proposition of a contest confined to the campus be laid before the two lower classes for decision. Voted, that balloting on the question be done under the supervision of the senate members.

POSTPONE DEBATE

At the request of the University of Vermont, the M. A. C. debating management has postponed the debate scheduled for March 2 to March 9. The subject for debate is, "Resolved, that the federal government should provide for the compulsory arbitration of all labor disputes on interstate railways." M. A. C. is to uphold the negative. The team that will take the trip to Burlington will consist of the following men: F. Sidney Stockwell, Jr., Fred B. Sampson, and Henry J. Burt. M. A. C. defeated Vermont last year and is confident of repeating her performance.

How much mileage do you get out of your clothes?

Ours are the long distance sort built for substantial service.

At the Amherst House again:

Wednesday, March 14th.

Complete showing of everything college men wear.

Same moderate prices prevailing as in our four stores in New York.

"Your money back" should anything go wrong.

MAIL ORDERS FILLED

ROGERS PEET COMPANY

Broadway at 13th St. | "The Four Corners." | Broadway at 34th St.
Broadway at Warren | | Fifth Ave. at 41st St.

NEW YORK CITY

COMMUNICATION

TO THE EDITOR OF THE COLLEGIAN:

It seems not inappropriate at this time that word be spoken in appreciation of a man, who, the writer believes, is helping to boost old Aggie.

The relay team has just completed its schedule. Its record was not remarkable, two races won and two lost. It was not the best relay team Aggie ever had nor was there any man on it who has made any wonderful record.

But there are two things that stand out in looking over the relay season. One is that each of the two defeats was by the narrowest kind of margin, and only after the gamest sort of fight. The other is that in passing the baton and in holding it afterwards, the Aggie team excelled all its competitors. Both of these things can be traced directly to the careful and persistent training of a coach who knows his business and his men. At the end of the last race, a well-earned victory over Boston college, the members of the relay team were unanimous in their verdict that everything they had won they owed to Coach Dickinson.

For several years now Lawrence Dickinson has been giving largely of his time and experience in turning out creditable track teams for M. A. C. While at college he was captain of track and perhaps the best man at the relay distance that ever ran for an Aggie team. And since he graduated he has not been too busy to put his efforts into the work of making relay teams at M. A. C.

Often the material available is enough to discourage any coach. But "Dick" does not get discouraged, nor does he let any of his would-be-athletes become downhearted over the prospects of ever being a second Overton or Willcox.

Besides working constantly to develop all possible speed and form in his recruits, the coach instills his optimism and his spirit of fighting clear through every man. Every one who ever ran relay under him must remember one of his slogans, "If you are ten yards behind and only five from the finish, keep on fighting, the other fellow may fall down."

The main purpose of a college, as the writer sees it, is to make men. Coach Dickinson is certainly contributing his part to that end. It is too bad that so many men get through college without ever coming under the influence of Coach Dickinson He instills into his men the spirit of fair play always—to give and to demand a square deal. He makes every man feel that he must always do his best every time; and that if he does that, be it to win or lose, the coach will be well pleased. The coach has never lost the point of view of the undergraduate. He enjoys being with the boys. His friendly spirit and willingness to help make track a pleasant form of athletics at M. A. C., while his fighting qualities and the optimism one catches from him are assets of untold value to any man.

If you are a crab or a grouch, if you are a conceited ass, or if you must pamper yourself at any cost, keep out of track while Dickinson is in charge.

But my word to the freshman who has no desires to have any ability in the many-sided game called "track" is find a coach, an example and a friend by getting acquainted with Lawrence Dickinson—do it now.

O. T. S.

COMPETITION RULES

For College Cheer Leader. To Open March 2

The following rules have been drawn up to govern competition for cheer leaders for the coming year:

1. The competition for assistant cheer leader shall begin March 2 and shall consist of the following divisions:
   a. Attendance.
   b. Business management.
   c. Submittance of a new yell.
   d. Personality.
2. Attendance shall be prearranged by the cheer leader and shall count a maximum of 35 points.
3. Business management shall consist of an examination conducted by the cheer leader and the president of the senate. It shall count a maximum of 30 points.
4. Submittance of a new yell shall count as 10 points and shall be judged by the senate.
5. Personality shall be judged by the senate and shall count 20 points.
6. The competition shall end June 18th and the two highest candidates shall become regular assistants and shall work with the cheer leader during the fall.
7. The two assistants shall be voted upon at the assembly following the Springfield game.

PROM INFORMAL

Tickets for the prom informal are now on sale at Room 5, North college. After Wednesday night the price will be $2.50. The names of chaperones will be given with the purchase of tickets. All prom decorations will be left up. Music will be furnished by the college orchestra.

WRITES PRUNING ARTICLES

Starting with last week's issue of the *Country Gentleman*, Prof. Frank A. Waugh of the division of horticulture has written a series of six articles on pruning under the title of "A Primer of Pruning." They have been prepared with the idea of presenting the information in as clear and direct manner as possible and will be of great value to fruit growers for there is no practice connected with this business about which there is greater ignorance and a wider variety of opinions.

TOWN HALL

MONDAY and TUESDAY, FEB. 26, 27
Leonore Ulrich in "THE HEART OF PAULA"—Paramount play in 5 acts.
7th Chap. of "GLORIA'S ROMANCE" with Billie Burke.
Paramount Comedy.

WED. and THURS., FEB. 28, Mar. 1
Special Engagement of the fascinating Billie Burke in "PEGGY"—Complete photoplay in 7 acts.
Charles Murray in "HIS FEATHERED NEST"—Keystone comedy in 2 parts.

FRIDAY and SATURDAY, MAR. 2, 3
THE RACE—A thrilling Paramount 5-reel drama, featuring Anita King and Victor Moore—See the sensational auto race across the continent.
Charlie Chaplin in "WORK"—2 reels.
Pathe News.

Every Afternoon, at 3 o'clock, entire house 10c, children 5c.
Every Evening, at 8 o'clock, entire floor 15c, balcony 20c.
Box office opens at 2-30 and 7-30 o'clock.

UNITY CHURCH
NORTH PLEASANT ST.
A Church home of the liberal Faith, where every student will meet with a cordial welcome.
REGULAR SUNDAY SERVICE AT 7 P. M.

WHITE'S MUSIC STORE
HENRY K. WHITE
241 MAIN STREET, NORTHAMPTON
Mandolins, Genuine Hawaiian Ukuleles, Picks, Strings, etc., and music for all instruments and all voices. Instruments may be had on trial.

HOW IS THE SOLE WITH YOU?
Get your shoes tapped at
GINSBURG'S, Amity St.
Work neatly done Satisfaction guaranteed

I. M. LABROVITZ
The Leading Tailor and Gents' Furnishings
Full Dress Suits to Rent
Caps and Gowns for Sale or Rent
Also Ladies' Tailoring
Our Work is Guaranteed
We do Dyeing, Cleaning, Repairing and Pressing
PHONE 366-W
11 AMITY STREET, AMHERST, MASS.

The wise ones read our advertisements. It pays.
Every young man in this country today is ambitious—or he's a "dead one."

Our specialty is
Clothes for Young Men
that have pep.
MERRITT CLARK & CO., 141 Main Street, Northampton.

WHO SAID A MIDNIGHT LUNCH?
Make it on one of our small
Electric Grill Stoves
Easy to care for and no danger of fire
Also a good line of
STUDENT LAMPS AND APPLIANCES
RUMERY & FAY, Electricians

THE
United States Hotel
Beach, Lincoln and Kingston Sts.,
BOSTON, MASS.
Only two blocks from South Terminal Station, and easily reached from North Station by Elevated Railway, and convenient alike to the great retail shops and business centre, also to the theatres and places of interest.
European Plan $1.00 per Day and Upwards
Table and service unsurpassed. Booklet and map sent upon application
TILLY HAYNES, Proprietor JAMES C. HICKEY, Manager

WEBSTER'S STUDIO
Everything in Photography
GROUPS A SPECIALTY
Good work speaks for itself.
NASH BLOCK, AMHERST, MASS.

AMHERST BOOK STORE
Note Books Fountain Pens
Agents for Rex Typewriter
F. M. CURRAN C. F. DYER

MARSH'S SANITARY
Students' Furniture
RUGS AND CARPETS
—E. D. MARSH ESTATE—

ESTABLISHED 1869
STEPHEN LANE FOLGER, Inc.
MANUFACTURING JEWELERS
180 BROADWAY, NEW YORK
CLUB AND COLLEGE PINS AND RINGS
GOLD, SILVER AND BRONZE MEDALS

—JOIN THE BUNCH AT—
EPSTEIN'S TAILORING PARLORS
Now located over post office. Up one flight
Pressing and Cleaning a Specialty
Liberal Ticket System Tel. 36-M

College Stationery
With Class Numerals.
Magazines, Newspapers and Fountain Pens
A. J. HASTINGS
Newsdealer and Stationer

Gallup at Holyoke
293-297 High St.
—SELLS—
Hart Schaffner & Marx Clothes
Come down to Holyoke and see our big store.

S. S. HYDE
JEWELER & OPTICIAN
13 Pleasant St.
Oculists' Prescriptions Filled. Broken Lenses Accurately Replaced. Fine Watch Repairing Promptly and Skilfully Done.
Satisfaction Guaranteed

"BIDE-A-WEE"
Creamed Chicken and Waffles
Our Specialty—And other good things to eat.
MRS. L. M. STEBBINS,
Middle Street, Tel. 415-W Hadley, Mass.

The Highland Hotel
Corner of Hillman and Barnes Streets, three blocks from the Union Depot, is a modern hostelry run on the European Plan. It is just a step from Main Street, away from the noise and dust and yet in the center of the business district.
Its rooms are well furnished and comfortable, having a telephone and hot and cold running water in every room. Prices $1 and up; rooms with bath (single) $1.50 and up.
Its excellent cuisine and well ventilated dining room makes a meal a pleasant memory—everything of the highest quality, well cooked and served in the best possible manner.
Stay at the Highland Hotel once and you will anticipate staying there again. Music every evening.
D. H. SIEVERS,
Highland Hotel, Springfield, Mass.

Dr. A. H. Daniels, D. O.
OSTEOPATHIC PHYSICIAN
305 LAMBIE BLDG., NORTHAMPTON, MASS.
Telephone

BUY YOUR
Dental Creams, Toilet Soaps, Shaving Powders,
etc., of
A. W. HAMLIN. AMHERST, MASS.
I call at the Dorms and Fraternity Houses.

Seniors and Juniors
Now is the time to buy those
FILING CASES
For your Bulletins.
Johnson Book Co.
BABBITT WOODWORTH
Alpha Sigma Phi House.

AMHERST GARAGE CO., INC.
Automobile Supplies
REPAIRING IN ALL ITS BRANCHES VULCANIZING

Russell, Burdsall & Ward Bolt and Nut Co.
PORT CHESTER, NEW YORK
ESTABLISHED 1845
Makers of The Celebrated **EMPIRE** BOLTS and NUTS

Batchelder & Snyder Co.
PACKERS AND POULTRY DRESSERS
WHOLESALE ONLY
Beef, Mutton, Lamb, Veal, Pork, Hams, Bacon, Sausages, Poultry, Game, Butter, Cheese, Eggs, Olive Oils.
Blackstone, North and North Centre Streets.
BOSTON, ... MASS.

F. A. SHEPARD
MEN'S STORE
Shoes Hats Furnishings
Local Agent for
E. V. PRICE CO., LAMM CO., BROWNING, KING & CO., Custom Tailors
OUR DISCOUNT TICKET SAVES YOU 5%

Carpenter & Morehouse,
PRINTERS,
No 1, Cook Place, Amherst, Mass

FIFTY ALUMNI DINE AT ANNUAL BANQUET

Father Time, rolling by, has made history of the 15th annual banquet of the Connecticut Valley Alumni association of the Massachusetts Agricultural college held last Saturday evening in the Highland hotel at Springfield, about 50 members gathering about the tables for the dinner and good time.

Entertainment in the form of special orchestra music, college songs, solos and reminisences brought back the spirit of the old days at M. A. C.

Impromtu speeches were made by all the speakers except Dr. Philip Kilroy who spoke on the war and his experiences at Verdun. The other speakers were Walter M. Tucker '71; Frank P. Rand of the English department; Fred D. Griggs '13, Curry S. Hicks of the physical educational department; and Stuart B. Foster '14.

The following officers were elected for the ensuing year: President, M. W. Williams '92, of Sunderland, first vice-president, D. P. Cole '72, of Springfield; second vice-president, Clinton King '07, of Springfield; secretary and treasurer, R. S. Fay '13 of Monson.

REV. EDWIN H. HUGHES TO SPEAK AT CHAPEL

At the Sunday chapel exercises March 4 Rev. Edwin H. Hughes, Bishop of the Methodist Episcopal church of Boston, will give the address. Rev. Hughes was born in West Virginia in 1866 and went to the University of West Virginia and Iowa College. He received the degree of A. B. from Ohio Wesleyan University in 1904 and D. D. from the same institution. He also holds the degrees of L. L. D., A. M., and S. T. D. Dr. Hughes was ordained to the Methodist Episcopal ministry in 1892 and soon after became pastor at Newton Center and afterward at Malden. In 1908 he was elected bishop of the Methodist Episcopal church at Boston. Mr. Hughes is a trustee of the Carnegie Foundation and has been prominent in educational work in India. As an author Mr. Hughes has been foremost in the religious literature of the time.

The Holyoke Valve & Hydrant Co.
Jobbers of Wrought Iron and Brass Pipe, Valves and Fittings for Steam, Water and Gas, Asbestos and Magnesia Boiler and Pipe Coverings, Pipe Cut to Sketch, Mill Supplies. Engineers and Contractors for Steam and Hot Water Heating, Automatic Sprinkler Systems, Boiler and Engine Connections. Holyoke, Mass.

COLONIAL INN
The Place For Good Feeds
Give us a trial and you will be satisfied.
PLEASANT ST.
Just before you enter the campus

NEW SECRETARY TO SPEAK

"Tom" Cotton, of Dartmouth, who is to be secretary of the college Y. M. C. A. next fall, will speak at chapel Friday morning, March 2. During his stay in Amherst he will interview a number of students who are interested in giving the new Y. M. C. A. the right kind of a start, with a view to mapping out his plan of action for the coming fall. Sunday morning directly after chapel he plans to visit the various fraternity houses and get into personal touch with the men in that way. Knowing that a man of Mr. Cottou's personality cannot but appeal to Aggie men, the association feels little hesitancy in asking for him a hearty reception on the part of the student body.

CONCERT SUNDAY AFTERNOON

Under the auspices of the Social Union, the Elite Quartet, members of the Boston Symphony Orchestra, will give a concert in the Auditorium at 3 P. M., Sunday, March 4. The instruments will be a violin, a 'cello, a harp and a flute. If it appears that concerts of this type will be well patronized on Sunday afternoons, an attempt will be made to provide them frequently.

ODAMS BASKETBALL MANAGER

Due to the resignation of Rogers F. Clapp '18, one of the assistant managers of basketball, Lester N. Odams '18 will automatically become varsity manager next year Odams was graduated from Salem high school in 1914. He has had charge of the freshman basketball team the past season.

1916 NOTES

It has been suggested that this column may be made a medium whereby "new, useful, and entertaining matter" may be brought to the attention of classmates. This plan originated in the fertile mind of Charlie Gould, our W. K. Field Agent. By cracky, Charles, good dope! There are times in every man's life when he is visited by thoughts, by ideas even, which the class should know about. Therefore, whenever the cerebral dust of a nebulous mind becomes agglomerated into an idea, it should be sent to the secretary, who will try to have it published in this column.

The following announcement seems to have been lost on its way to the printer. On Dec. 24, 1916 the marriage of Miss Mary A. M. Baker, Mt. Holyoke '13, to Dwight Fletcher Barnes was solemnized in Brooklyn, N. Y. at the home of a sister of the bride. The maid of honor was Miss Maud B. Seale, Mt. Holyoke '15, and the perplexities of the groom were handled by Tommy Harrocks. Mr. and Mrs. Barnes are living in Center Marshfield.

Ben Sander is getting some good farming experience at Waveny Farm, New Canaan, Conn.

E. B. DICKINSON, D.D.S.
DENTAL ROOMS
Williams Block, Amherst, Mass.
Office Hours: 9 to 12 a. m., 1-30 to 5 p. m.

—Turn the—
Twelve Pound Look
to our store and change the Food Tragedy into a Romance with a
BOX OF ST. CLAIR'S CHOCOLATES
Will have a fresh supply Thursday
HENRY ADAMS & CO.
The Rexall Store—On the Corner

A Bigger, Better Cream Separator
FOR THE SAME MONEY
THE FARMER who buys a De Laval this year will get better value than ever before. Not only will he get a better machine, a simpler machine, a machine that will skim even closer than any previous De Laval, but he will get a machine of larger capacity.
And the price has not been increased one cent.
Just think what that means to cow owners in the face of rising prices on almost everything else the farmer has to buy, including other cream separators.
Only the tremendous volume of De Laval sales makes it possible to give the farmer more for his money when others are giving less.

New Catalog will be mailed upon request
THE DE LAVAL SEPARATOR COMPANY
165 BROADWAY NEW YORK 29 E. MADISON ST. CHICAGO

IT TAKES 400,000 cars to carry American Fertilizers to Farmers and Planters every season. Forty per cent. of this is useless Filler requiring 160,000 cars! Insist on having less Filler and all high grades with Available Nitrogen, namely:
Nitrate of Soda
and thus cut freight bills.
Crop production from such Fertilizers means greater outbound tonnage for roads and bigger purchasing power for Farmers. Railroads and everybody would benefit.
Larger food crops thus grown would give increased prosperity to all. It is up to you, Mr. Farmer.
Send for "Cost of Available Nitrogen"
DR. WM. S. MYERS
Director, Chilean Nitrate Propaganda
25 Madison Avenue New York
No Branch Offices

BECOMES COUNTY AGENT

M. J. McNamara '17, of Stoughton has accepted a position as county agent in Belknap county New Hampshire where he is to start his work on March 1st. He is to have his head quarters at Laconia and plans to do as much individual work as possible, visiting the farmers at their farms and giving them advice as needed. Besides his regular work as an agricultural adviser McNamara will have complete charge of the publication of the official paper of the Belknap County League. "Mac," who majored in dairing, completed his college course with the end of last term.

ASK FOR MORE TIME

The Ways and Means committee has reported an "ought to pass" recommendation to the House that an extension of time to April 2 be given the special committee at present investigating the needs of the college before legislative action is taken upon President Butterfield's half a million dollar 1917 budget.

ECONOMICS MEETING

William McKee of the junior class will speak before the Economics Club Wednesday night at 7 P. M. in Clark Hall, Room B. His subject is one that should interest every student, A Cooperative Store at M. A. C. All students are encouraged to attend. Think it over and be there.

START BATTERY PRACTICE

Indoor baseball practice will commence next week in the drill hall, as soon as the prom decorations are removed. This preliminary practice, however, is for battery candidates only.

ALUMNI NOTES.

'91.—Mr. Willard W. Gay announces that he is opening an office for the general practice of landscape architecture at 70 East 45th Street, New York City. Mr. Gay will also do general consulting work in horticulture.

'05.—A. D. Taylor is confined at the Flagler East Coast Hospital in Miami, Fla., with typhoid fever. The last heard was that he was comfortable but that he is not yet out of danger.

Ex-'15.—A letter received by "Jeff" Kilbon from G. S. Joubert, says that owing to poor treatment of a broken ankle received while on active service in the trenches, he has been transferred to light duty as a clerk in the Granville Canadian Hospital at Ramsgate, Kent, England. He says he is not altogether sorry as 12 months in the first line trenches is enough of modern warfare for him. His address 81168 8th Canadian Infantry.

Ex-'18.—David Lasker of Hyde Park was recently elected president of the class of 1919 at the college of liberal arts in Boston University.

on your way down town and look over the new arrivals!
Hart Schaffner & Marx Suits
In the Newest Spring Colorings
Our Spring Lines of
SHIRTS, CAPS AND NECKWEAR
Are Here.
Our prices are a little lower than the other fellow's.
"BUD" ROSS, Agent

SANDERSON & THOMPSON

School and College Photographers . . .
White Studio
LOCALLY: 52 Center St., Northampton, Mass., and South Hadley, Mass
MAIN OFFICE: 1546-1548 Broadway, New York City
These Studios offer the best skilled artists and most complete equipment obtainable

Insure Your Crops and Your Profits
Write today for prices on
E. Frank Coe Fertilizers
1857 The Business Farmers' Standard for Sixty Years 1917
Ask For Our Crop Books. We Want Reliable Agents in Unoccupied Territory
Address Agency Manager
THE COE-MORTIMER COMPANY
Subsidiary of the American Agricultural Chemical Co.
51 CHAMBERS STREET . . . NEW YORK CITY

ANNIVERSARY PROGRAM

[Continued from page 1]

TUESDAY, OCTOBER 9

10.00 a. m. "The Backward Look." A speaking program dealing with the achievments of the college. Speakers: A few prominent alumni, others who know the college, the son of Abraham Lincoln. Academic costume for participants, official delegates. The corner stone of the new library if . . . .

12.00 m. Class Reunion.

3.30 p. m. Pageant.

8.30 p. m. Formal reception by the governor, trustees and the president of the college. (This is *the* event for the general public.) Later, fraternal reunions.

WEDNESDAY, OCTOBER 10.

"The Forward Look." Addresses by President Butterfield and other prominent educators. The Association of Agricultural Colleges and Experiment Stations meet in Springfield, Mass., this year, and as Prexy is president of that association, they will meet here on this day, coming up in a body from Springfield. (In Stockbridge Hall.)

12.00 m. Big out-of-door "Shore Dinner," (50c-75c). Open to the public.

2.00 p. m. The Big Speaker. No one is too big for this occasion. More definite announcement is impossible at this time. The town will be a solid mass of autos and people on this day.

3.00 p. m. Pageant.

PAGEANT.—This will treat the farmer, Lincoln and Land Grant Act, and the qualities that have given Massachusetts people their position in the nation. The pageant master, Mr. W. C. Langdon, has been living in town several months already. This will be the greatest thing of its kind that ever happened Paid admission to all performances.

TRINITY WINS RELAY

[Continued from page 1]

last leg of the journey in spite of the Boston college runner's desperate attempt to close up, and he was clocked at the finish in 2-49, a safe 20-yards in front of his opponent. But for the fact that Dempsey had the misfortune to drop his club the race would probably have been almost as closely contested as that with Trinity the night before, though the distance thus lost was but half the Aggie lead at the finish line.

RULES FOR STUDENT LABOR

[Continued from page 1]

all such positions held totals less than $5.00 per week.

A booklet is being prepared embodying the full set of rules, as well as many suggestions to students who may wish to defray a part of their expenses while in college. These booklets, when printed, may be had by applying to the Secretary of the Committee, Mr. R. J. Watts.

'11.—Jessie Taylor Johnson, wife of Leonard Johnson of Newtown, Conn., died Feb. 11.

The Massachusetts Agricultural College

Offers courses of instruction in twenty seven teaching departments, which embrace the study of

Agriculture, Horticulture, Science, Humanities and Rural Social Science.

A student may specialize in the following subjects:

Agriculture
Agronomy
Animal Husbandry
Dairying
Poultry Husbandry
Rural Journalism
Floriculture
Forestry
Landscape Gardening
Pomology
Agricultural Chemistry
Agricultural Economics
Economic Entomology
Microbiology
Economic Botany
Agricultural Education
Rural Sociology

For complete catalog and illustrated booklet, write

KENYON L. BUTTERFIELD, PRESIDENT
AMHERST, MASS.

COLLEGIAN DIRECTORY

	Telephone
Associate Alumni,	C. A. Peters, Secretary—454-W
Joint Committee on Intercol. Athletics,	H. M. Gore, Secretary—403-M
M. A. C. Athletic Field Association,	C. S. Hicks, Treasurer—403-M
Non-Athletic Association,	H. E. Robbins, Manager—res. 62-W
The College Senate,	L. T. Buckman, President—416
Football Association,	J. A. Chapman, Manager—8314
Baseball Association,	R. D. Hawley, Manager—8314
Track Association,	O. S. Flint, Manager—544-M
Hockey Association,	M. R. Lawrence, Manager—8347
Basketball Association,	N. Moorhouse, Manager—8364
Rifle Club,	S. F. Tuthill, President—416
Roister Doisters,	A. F. Williams, Manager—8364
Musical Association,	D. M. Lipshires, Manager—416
Nineteen Hundred Eighteen Index.	K. L. Messenger, Manager—8347
Nineteen Hundred Nineteen Index,	E. M. Buffum, Manager—8364
M. A. C. Christian Association,	D. O. Merrill, President—416
M. A. C. Catholic Club,	J. H. Day, President—8377
Fraternity Conference,	L. T. Buckman, President—416
Stockbridge Club,	P. W. Latham, President—416
Interclass Athletic Committee.	O. G. Pratt, Secretary—8347

There are Seven Good Reasons why you should buy your

COAL
OF
C. R. ELDER

WOODWARD'S LUNCH

27 Main St., Masonic Bldg., Northampton, Mass.

Lunches, Soda, Ice Cream

Closed only from 1 A. M to 4 A. M

The Connecticut Valley Street Railway

From Amherst, via Northampton, through the Hatfields, past the foot of Sugar Loaf Mt., alongside the famous Bloody Brook battle ground to Old Deerfield, thence to Greenfield, Turners Falls and across the "Plains" to Lake Pleasant, Montague and Millers Falls.

50 Miles of Trackage—Modern Equipment—Train Dispatching System—Freight and Express Service over entire line.

Connecticut Valley Street Railway Company

Jacob Reed's Sons are the leading manufacturers of

UNIFORMS

For college and military schools, and have won and maintain their prestige by sheer merit. The uniforms worn at Massachusetts Agricultural College are finished examples of our product.

JACOB REED'S SONS,
Makers of "Gold Medal Uniforms."
1424-1426 Chestnut St., Philadelphia, Pa.

SILVER CIGARETTE CASES

On Display

—AT—

DEUEL'S DRUG STORE

Amherst, Mass.

COLLEGE SHOES

We carry the largest stock in the state outside of Boston.

MODERN REPAIR DEPT.

E. M. BOLLES
THE SHOEMAN

CARS

Leave M. A. C. for Holyoke at 7·20, 8.10, 9 10, 10-20, and at 20 minutes past the hour until 11·20 P. M.

CARS

Leave Amherst for M. A. C. at 6·05, 6 25, 7·00, 7·30, 8 00, 8·15, 9·15, 9·30, 10·15, 10·30, 11·15, 11·30, 12·30, 12·45, 1·30, 1·45 and at 45 minutes past the hour up to 9·45, and at 10·30 and 11 00 P. M.

Last car at 12·30 A. M.

Special Cars at Reasonable Rates

AMHERST & SUNDERLAND ST. RY. CO

THE TIDYSY PARLOR
Cleaning Pressing Repairing
Quickest service, Best Work, Lowest Price
All work carefully done. Work called for and delivered. Gents' overcoats, suits, pants and coats. Ladies' fine linen suits a specialty. Teams will call every day at M. A. C.
WM. FRANKLIN, Prop.
Rear Nash Bl'k, Amherst. Tel. No. 342-4

Amherst CO-OP LAUNDRY
High-Grade College Work

Shirts,	10-15c
Collars,	2 1-2c
Cuffs,	2 1-2c
Plain wash,	48c per doz.
Same, rough dry,	30c per doz.

DRY CLEANING AND PRESSING

Steam Pressing 40c, 3 Suits for $1.00
Dry Cleaning and Pressing, $1.50 a Suit

All bills payable at Co-op. Store and parcels left there will receive prompt attention.

GRAYSON '17, Agent
HIGGINBOTHAM '17, Asst. Agent

Library of the Mass. Agri. College
MAR 6 1917
Agricultural College

THE MASSACHUSETTS COLLEGIAN

MASSACHUSETTS AGRICULTURAL COLLEGE

Vol. XXVII. Amherst, Mass., Tuesday, March 6, 1917. No. 21

FACULTY AND GRADUATES ACTIVE IN PREPAREDNESS

Daniel Willard, Ex-'82, on National Defense Council. Pres. Butterfield and Dr. Goldthwaite Prominent.

Announcement has been formally made at the war department of the appointment of Daniel Willard ex-'82, president of the Baltimore and Ohio railroad, as a member of the advisory committee of the Council of National defence. Mr. Willard has been active in organizing the transportation facilities of the country for the government's possible needs and will devote practically his whole time to the work of mobilizing American industrial resources in preparation for an emergency.

In Mr. Willard there is found an original genius in railroad management and general facilities and as head of the sub-committee on transportation, the council is strengthened in one of its vital spots. The career of this ex-Aggie man is one of the romances of railroading in America and he has become the head of one of the greatest systems in the country on of merit. Leaving college he entered railroad service is been in practically every of the work from engineer of a ng engine through the duties of al manager and vice-president he was chosen president of the O. in 1910. He is a member of the Phi Sigma Kappa fraternity.

Investigate Food Resources.

Saturday morning at a meeting of the New England Federation of Rural progress at Faneuil Hall, representing the agricultural interests of New England, President Butterfield introduced a motion that a committee be appointed to act with the Massachusetts committee on public safety in investigating the food resources of the section for quick mobilization in the events of war. He said, "We are convinced that we must organize our resources at every point, even though war may not come. The situation is critical enough to warrant our immediate action in aiding the state commission on safety." President Butterfield was appointed temporary chairman of this committee, which meets for definite organization on Wednesday of this week.

Heads Medical Committee.

In connection with the above, it is

Continued on page 61

FOURTEEN MEN REPORT FOR BATTERY PRACTICE

Much Promising Material for Pitching Staff. Westman and Quimby Veterans. Five Catchers.

Coach Fitzmaurice's first call for battery candidates was well answered Monday when 14 men reported for their initial workout. Nine of the total were pitchers, which promises a bright outlook in this department which has been invariably weak the last few years. Westman '17 and Quimby '19, veterans of last year's squad, will make a good nucleus around which to build a strong pitching staff. Both of these men have had considerable experience and can be depended upon to do the bulk of the work for the coming season. The receiving end has several likely contestants with "Steve" Richardson as favorite from the good work that he did last year with the team. Captain Day was out with Coach Fitzmaurice looking over the material. The coach will hold his usual baseball talks on Tuesday and Thursday evenings from now on.

The following is a list of men that reported:

PITCHERS		CATCHERS	
Westman,	1917	Shumway,	1917
Larson,	1917	Richardson,	1918
Weeks,	1918	Gasser,	1918
Huntoon,	1918	Faxon,	1919
Quimby,	1919	Newell,	1920
Tirrell,	1919		
Peterson,	1919		
Hill,	1920		
Luce,	1920		

SUNDAY CHAPEL

Owen Lovejoy to Give Address. Graduate of Albion College

Owen Reed Lovejoy, the speaker for Sunday chapel, March 11, was born in Michigan in 1866. He graduated from Albion (Mich.) college. While there he was a member of the Epsilon chapter of Delta Tau Delta. Mr. Lovejoy is a noted sociologist and is a member of the following societies: The National Child Labor Association, the American Association for labor Legislation, the American Economics Association, the American Political Association, the American Academy of Political and Social Science, and of the National Society for the Promotion of Industrial Education. He is also a contributor to many educational magazines.

COMMITTEE ON EDUCATION TO PAY VISIT TO CAMPUS

Will Arrive Wednesday Evening. Special Mass Meeting Called for Thursday at 4-00 P. M.

For the first time in several years the House committee on education will pay a visit to the college. It is expected that the committee will arrive from Boston sometime Wednesday evening. Thursday and Friday will be spent in the inspection of the campus, campus buildings, and classroom exercises. Thursday afternoon at 4-00 P. M. there will be a special mass meeting in the auditorium, similar to those held when the committee on agriculture pays its annual visit. At this time the students will be given an opportunity to come in close touch with the members of the committee and hear their views expressed. Men having classes will probably be excused, in order that there may be a large attendance from the student body.

This year the agricultural appropriation bill has been referred jointly to the committees on agriculture and education. The former has already visited the campus. Before definite action could be taken on the appropriation asked, however, it was felt necessary for the committee on education to inspect personally the conditions at the college.

COTTON ADDRESSES STUDENTS

T. L. Cotton of Dartmouth, next year's secretary of the college Y. M. C. A. made his first appearance before the student body at chapel, Friday morning. In briefly outlining what he proposes to do at Massachusetts Aggie, Mr. Cotton said his first object was to make of the Christian association an organization which will command the respect of virile men. He emphasized the importance of getting college men to thinking more about religious matters, and expressed the hope that the new association would tackle problems so big that they would have to call on higher power for help in carrying them through.

During his short stay in Amherst over the week end, Mr. Cotton interviewed a number of students in regard to association work for the next year, and promised several surprises in the line of new projects to be taken up by the association.

ENTRIES FOR INTERCLASS MEET NEAR CENTURY MARK

Saturday at 2-30. Letter Men Scores not to Count. Numerals awarded for Firsts and Seconds.

The annual interclass meet will be held this Saturday at 2-30 sharp in the Drill Hall and on the board track. Each event has a field with real competition and many records are due to fall. Up to this morning 98 men had handed in entries for one or more events, seniors with 13, juniors with 19, sophomores with 29 and freshmen with 37 thus assuming one of the keenest affairs in the track game for some time.

A special ruling of the athletic board does not allow letter men of the varsity cross country and relay teams the privilege of garnering points for their respective classes but they may run in attempt to lower any present college record. Interfraternity and interclass relay contests have built up a field of 300 and 600 yard men who will make one of the fastest events of the day. A

CAPTAIN DAY

number of "dark horses" have been uncovered especially in the freshman class but it is a question what their

(Continued on page 8)

ELITE QUARTET CONCERT

Members From Boston Symphony Orchestra Render Excellent Program

Rare opportunity was accorded the students of the college and the music loving public of Amherst Sunday afternoon, in the appearance of the Elite Quartet of the Boston Symphony orchestra. The large number present were appreciative of the numbers on the program and practically demanded extra encores by the players by their continued applause. The quartet consisted of Mr. A. Brooke, flute, Mr. H. Sauvelet, violin (and piano), Mr. L. Nast, 'Cello, and Mr. T. Cella, harp. The concert was an inuovation at M. A. C., being the first Sunday afternoon concert directed by the Social Union of the institution. Besides the extra selections the program was:

1. Quartet, Hunten
   Moderato—Allegro—Andante—Rondo
2. Flute Solo, a. Reverie, Hennebrains; b. Whirlwind, Krantz
   Mr. Brooke
3. Trio, a. Lielnestraume, Liszt; b. Kleiner Valse, Carreno
   Violin, 'Cello, Harp
4. Harp Solo, Pensee Poetique, Lebano
   Mr. Cella
5. Trio, a. Adagio, b. Minuetto, Walckiers
   Flute, Violin and 'Cello
6. 'Cello Solo, Meditation, Squiers
   Mr. Nast
7. Scenes Bohemes, Malat
   Quartet

RIFLE TEAM RESULTS

Fourth In Total Scoring. Places Fifth In Last Match.

The official score of the fourth match of the rifle team showed a decided improvement over previous matches with a score of 930. Even with this good average the team still remains in the fourth place and was fifth in the match. Norwich is but two points ahead of M. A. C. in the total score so the chances seem very good that the team will soon be in the third standing.

The score:

The match:	Michigan Aggies	971
	W. Virginia U.	955
	Norwich U.	941
	Notre Dame U.	932
	M. A. C.	930
The total:	Michigan	3831
	Notre Dame	3697
	Norwich	3651
	M. A. C.	3649
	Cornell	3645

SAWYER HOCKEY MANAGER

Wesley S. Sawyer '18 of Boston will manage the varsity hockey seven for the season of 1917–1918. Sawyer has been assistant varsity manager during the past season. He is a member of the Beta Kappa Phi fraternity.

F. P. Rand, Instructor in English, will give a reading in Stockbridge Hall, Room 102, Thursday evening at 6-15.

FRESHMEN LOSE TO WILTON

The Freshmen basketball team was defeated by Wilton high school N. H. champions of the Southern N. H. Scholastic League, last Friday, 23 to 17. The team was the guest of of Herbert Archibald '15, principal of the high school, and "Enjoyed," comments Coach Gore, "one of the finest exhibitions of hospitality I have ever encountered on any of my trips." The game was closely contested throughout.

The summary:

WILTON H. S.		FRESHMEN
McGrath, lf		rh, Armstrong, Davis
McGettigan, rf		rb, Vigezzi, Fuller
Weston, c		c, Harrington, Armstrong
Proctor, lh		rf, Davis, Harrington
Bean, rb		lf, Taylor, Lothrop, Vigezzi

Score—Wilton 23, Freshmen 17. Goals from the floor—Weston 4, Proctor 3, McGrath 2, McGettigan, Vigezzi 3, Harrington 3, Davis, Taylor. Goals from fouls—McGrath 3, Harrington. Referee—Shea. Scorer—Hopkins. Timer—Archibald.

SOPHS DEFEAT 1920 IN ANNUAL HOCKEY GAME

In a fast and exciting game the sophomore hockey team defeated the freshmen 4-1 Wednesday afternoon on the pond. The first year men started out with a rush and scored the first goal in eight minutes. Their team was far superior to that of the sophomores and the puck was in the second year men's territory most of the time during the first part of the first half.

The sophomores, however, found themselves at times and managed to score three goals during the last part of the first period. The score stood 3 to 1 when the whistle blew. The second period found the sophomores going in better shape and although they did not score so heavily their team and individual work was far superior to that of the first half.

The lineup:

SOPHOMORES		FRESHMEN
Faber, g		g, Doucette, Davidson
Ross, cp		cp, D. Smith
Poole, p		p, Douglas
Chisholm, c		c, Harding
Mansell, (Captain), r		r, Snow
Sweeney, Buffum, lw		lw, Ball
Seavey, rw		rw, Crafts, (Captain)

Score—Sophomores 4, Freshmen 1. Goals in 1st half—Crafts 8.30, Mansell 10.10, Poole 18.35, Chisholm 19.35. 2nd half—Ross 1.30. Referee—L. Ross. Time—20-minute halves.

ELECT HOP COMMITTEE

The Sophomore-senior hop committee is composed as follows: Senior members, Philip R. Babcock of Lynn and Joseph F. Whitney of Brooklyn, N. Y. Sophomore members: Chairman, Stewart P. Batchelder of North Reading; treasurer, Roger F. Readio of Florence; decorations, Robert D. Chisholm of Melrose; music, Raymond T. Parkhurst of Fitchburg; patrons and patronesses, Herbert Baxter of Allston; programs, Augustus W. Clapp of East Braintree; taxis, Charles Crowe of Norwich, Conn.

ADOPTS NEW CONSTITUTION

Stockbridge Club Makes Several Changes in Membership Rules. Dr. Lentz to Speak

At the meeting of the Stockbridge Club Wednesday a new constitution was adopted to replace certain articles which had outgrown their usefulness. The most important change refers to membership, which is now open to any regular student upon signing the constitution and paying an annual fee of fifty cents. A new committee was inaugurated to follow up the bulletins of the various experiment stations and keep the members in touch with these.

Dr. J. Lentz of the veterinary science department of the Experiment Station speaks Wednesday evening at seven o'clock on "Veterinary work and what the Practical Farmer should know about it." Following the talk the annual election of officers will be held.

BANQUET TICKETS ON SALE

Tickets for the Boston Banquet are now on sale and may be obtained from Spaulding and Westman '17; Lipshires, Russell, Pratt, and W. S. Sawyer '18; Faxon '19; and Bunker '20. These are for sale to undergraduates only. No reservations will be made after vacation.

Feed Your Crops Available Potash

Insoluble plant foods are cheap in the beginning but may be dear in the end. We feel good when we hear that the soil contains enough Potash to raise 5000 crops, but we feel tired when we discover that it will take 1000 years or so to make it available. We will be converted into plant food ourselves long before that.

POTASH The acids derived from green manure may make insoluble phosphate of lime more available. But the feldspathic Potash in the soil is less available in these acids than in the slightly alkaline waters of the best soils. A little soil Potash becomes available yearly, but not enough to provide for profitable crops.

Crops have two periods of Potash hunger. One just after germination and the other when starch formation is most rapid—when the grain is filling. Rational fertilization supplies ample available Potash at these periods and if you provide it you will find that **Potash Pays.** Send for our pamphlet on making fertilizers.

German Kali Works, Inc., 42 Broadway, New York

McCormick Block, Chicago, Ill. 25 California St. San Francisco, Empire building, Atlanta, Ga. Whitney Bank Bldg., New Orleans, La

Dr. L. O. Whitman
21 Pleasant St., Amherst, Mass.
Office Hours: 1-3, 7-8 p. m. Sunday and other hours by appointment.

Eyes Examined
Glasses Furnished
OSCAR L. McCULLOCH
54 Suffolk St. Holyoke, Mass.

Croysdale Inn
SOUTH HADLEY, MASS.
Good Beds and Good Things to Eat.
Telephone 2026-W, Holyoke.

FLEMING'S SHOE STORE
Northampton

Cox Sons & Vining
72 Madison Ave., New York

Caps
Gowns
Hoods
for all Degrees
ROBES FOR JUDICIARY, CLERGY AND CHOIR

FLOWERS AND PLANTS
Grown by the Floricultural Dept.
We offer our surplus stock of cut flowers and plants at reasonable rates to students and faculty. This stock is grown in modern houses under ideal conditions. Roses, carnations, violets, chrysanthemums and sweet peas in season.
GROWN ON THE CAMPUS
Telephone 200

RAHAR'S INN
Northampton, Massachusetts
EUROPEAN PLAN
The Best Place to Dine
All Kinds of Sea Food
Special luncheon from 11-30 to 2 p. m.
A la carte service 6-30 a. m. to 11-30 p. m.
R. J. RAHAR, Prop.

The "Nonotuck"
HOLYOKE'S LEADING HOTEL
Club Breakfasts, 25c to 75c
Business Men's Luncheon, 60c
Sunday Table d'Hote Dinner, $1.25
GORHAM BENEDICT, Mgr.

BECKMAN'S
Candies and Ice Cream
"HAMP"

SHOES WITH UNEQUALED PRICES
Direct from the factory.
Latest in Spring and Summer Styles
Best quality—Satisfaction guaranteed
"GYP" GOODWIN '18, A X A House

AMHERST SHOE SHINE PARLOR
The Best Shine in Town.
—Also—
Shoe Repairing
Neatly and quickly done.

RAYSEL'S
Clothes, Furnishings, Shoes, Hats

THE COLLEGE MAN'S STORE
179 Main St., Northampton

PLYMOUTH INN
Northampton
Quiet and Comfortable—Every facility for
BANQUETS PARTY DINNERS
American and European Plans

THE NORTHWESTERN MUTUAL LIFE INSURANCE CO.
For information write to
ELLIOTT HENDERSON, Special Agent
79 Milk Street,
Boston, . . . Mass.

DR. GEO. A. HASWELL
Osteopath
Central Chambers, Center Street,
Northampton, Mass.
Phone 1027-W

PLAZA
Northampton, Mass.
Where the Best
Photo-Play Features ...
Are shown.
PROGRAM CHANGED DAILY

ANNOUNCE PRIZE WINNERS

Brockton and Hadley Lead in Garden Contests Conducted by Extension Service.

Brockton and Hadley were the leading winners in the home and school garden contests conducted last year by the extension service of the Massachusetts Agricultural college in cooperation with the United States department of agriculture. There were three school and three home contests arranged in classes according to the size of the communities. Over 45,000 children all over the state took part in the contests. The prizes were awarded according to accurately kept records. The results were as follows:

Town Contests.

City and town class: first, Brockton, awarded a small silver cup; and Holyoke received honorable mention.

Large town class 7,500 population and over: first, Milton; second, Palmer and Arlington received honorable mention.

Town class: first, Hadley; second, Wilbraham, and honorable mention to Groton, Wrentham, Easton and Brimfield.

The prizes were awarded on the basis of records which were kept according to per cent of the total number of school children who cultivated various sized plots, proportion of the children engaged in the work who made individual exhibits at agricultural fairs, certified lists of premiums won at agricultural fairs, inspection of the garden work, photographs of the gardens, photographs of the exhibits, organized clubs, organization of the leaders.

School Contests.

City and town class: The following Brockton schools won the first four prizes—High school, Huntington school, Howard school and Winthrop school.

Village schools: First, Russell street school of Hadley; second, North Hadley grammar school; third, Center school of Wilbraham; fourth, Center school of Brimfield.

One room rural school: Russellville school of Hadley; second, Hartsbrook school of Hadley; third, rural school of New Boston; fourth, rural school of East Wilbraham and the Tolland school received honorable mention. The score card in the school contests was similar to that in the home contests.

The prizes were: first, $20; second, $15; third, $10; fourth, $5. Over 45,000 boys and girls from all over the state took part in the contests.

TO HOLD SMOKER

The senior class will hold a combined smoker and business meeting in the Social Union, Wednesday evening at 7 p. m. There is important business to be transacted, concerning commencement. Every senior is expected to be there. Refreshments will be served.

SALE FOR PROM
On All Full Dress Accessories

Dress Shirts, Regular $2, Sale **$1.50**
Derbies, which you must have, Regular $4 and $5, Sale **$2** and **$3**
Silk Hats, Regular $8, Sale **$4**
Dress Ties, From **20c** up
Dress Collars, 2 for 30c, Sale **10c** each

Dress Suits and White Vests for Rent. Order early.

SPRING AQUASCUTUMS
Arriving from England every week through our local post office, in spite of the U Boats.
Beautiful line of Spring Goods arriving every day

CAMPION
College Outfitter

—Come to us for—
Fireplace Goods, Coat and Trouser Hangers
Ever Ready Flash Lights and Paint
Clothes and Shoe Brushes
Anything in Hardware and Cooking Utensils
Always glad to see you.

THE MUTUAL PLUMBING & HEATING CO.

Burpee's Seeds Grow
FOR forty years we have rendered faithful service. For forty years we have tried to make each year's service more nearly ideal. This untiring effort has built for us not only The World's Largest Mail Order Seed Business, but also a World Wide reputation for Efficiency and undisputed leadership. The Fortieth Anniversary Edition of **Burpee's Annual,** *the* **"Leading American Seed Catalog"** is brighter and better than ever. It is mailed free. A postcard will bring it.
W. ATLEE BURPEE & CO., Seed Growers,
Burpee Buildings Philadelphia

Page's Shoe Store
Largest Stock—Lowest Prices
Expert Repairing—Best leather used

JACKSON & CUTLER
—DEALERS IN—
Dry and Fancy Goods and Choice Family Groceries

THE MASSACHUSETTS COLLEGIAN

Published every Tuesday evening by the Students of the Massachusetts Agricultural College.

BOARD OF EDITORS.

RICHARD W. SMITH '17, Editor-in-Chief
MARSHALL G. LANPHEAR '18, Mg'ing Editor
MILFORD R. LAWRENCE '17, Assistant Editor
WILLIAM SAVILLE, JR. '17, Alumni Editor

ASSOCIATE EDITORS.

JOHN T. DIZER '17
JOSEPH F. WHITNEY '17
FRANK J. HINKS '18
NATHAN W. GILLETTE '18
ELIOT M. BUFFUM '19
MYRTON F. EVANS '19

BUSINESS DEPARTMENT.

MERRILL P. WARNER '17, Business Manager
JAMES C. POWELL '18, Assistant Business Manager
BIRGER R. ROSEQUIST '18, Advertising Manager

Subscription $2.00 per year. Single copies, 8 cents. Make all orders payable to **Merrill P. Warner.**

In case of change of address, subscribers will please notify the business manager as soon as possible.

Entered as second-class matter at the Amherst Post Office.

Vol. XXVII. Tuesday, March 6. No. 21

WHEN the arena party killed itself by degenerating into crudity, the COLLEGIAN shed no tears at the passing of the custom, nor did the abolition of the picture season bring regret after it had passed the stage of being a class contest and in recent years had been more orless of a farce. The same thing could be said about the night shirt parade, which has been modified almost beyond recognition. Out of all that were, only one relic is now left, the banquet season, and they seek its life to take it away. In other words, if the banquet season goes, as the dictum of the faculty would seem to imply, there will not be left a single sophomore-freshman contest worthy of the name. Some effective substitute must be provided or one of the greatest sources of class unity and spirit will be absolutely cut off.

The present situation can be traced directly to the faculty committee on class contests, which insists on its original ruling which confines all such activities to college land. In taking this action the committee not only nullifies the will of the senate but of those members of the faculty who have been delegated by the president of the college to act with the senate in drawing up suitable regulations. Realizing that violation of property rights in Amherst by members of the contending classes constituted the chief trouble in the banquet season of former years, the framers of the new rules eliminated this feature by leaving the town of Amherst outside the detention zone and by having entrance into a private dwelling render the offending party ineligible for further competition. The modifications were reasonable and met with the approval of the faculty who acted jointly with the senate. But the faculty committee which watches the faculty committee which watches the senate (this is rather involved, but it is none the less true) decrees otherwise. The senate now has two courses open—it can either wash its hands of the whole business and let the two lower classes thrash it out among themselves without rules or supervision, or it can insist on a strict interpretation of another section of the same rules promulgated by the president last spring which says in effect, "All interclass contests shall be supervised by the senate acting jointly with a faculty committee appointed by the president." The COLLEGIAN hopes it will follow the latter course, and not make the banquet season a farce by confining it to the campus, which is unsatisfactory to both the classes involved. The organization, the watchful waiting and other well knowu features of this old custom are too potent forces in the solidifying of class spirit to be thus lightly cast aside. The big feature in previous years has not been which class won, but the fact that every man in each of the two lower classes got out and worked for his class in a way that no other activity could make him work. These are things worth preserving, and to accomplish this end, the senate, acting as it does under faculty supervision, should be conceded the ability to regulate a banquet season without interference from still other faculty committees. Nor should the president of the college be compelled to take on the added worry of a matter like this in the face of the many other duties which command his attention. Why not try the experiment of letting the student's representatives regulate student affairs?

WIN RELAY SHIELD

Phi Sigma Kappa won a clear title to the interfraternity relay championship Friday afternoon, by defeating Kappa Sigma by about 15 yards in 2 minutes, 11 seconds. Chapman, Bonz, Mansell and Faxon made up the winning team, while the losing four consisted of Dewing, G. K. Blanchard, Skinner, and Carpenter. The committee appointed by the Interfraternity Conference is selecting a suitable shield to be given to the winner. This will become the permanent property of the fraternity winning the championship three times.

NO SCRAP ON CAMPUS

At the meeting of the sophomore class Wednesday night the plan to have the annual freshman banquet season action on the campus was voted down by a unanimous vote. There was considerable discussion as to other proposed plans, but the meeting came to no agreement upon any definite line. It was recommended that a joint committee of sophomores and freshmen should consider the subject to settle the difficulty if possible.

CAMPAIGN CLOSES THURSDAY

The Fiuance and Membership Campaign of the Y. M. C. A. will close at 10-00 o'clock, Thursday night of this week. If you haven't been approached for membership and desire to join the association, please speak to some member of the campaign committee, whose names will be posted on the bulletin boards in North College. All reports must be handed in not later than the above mentioned time.

Ex-'18.—Art Dunn writes from Palm Beach, Fla., that he is spending his time "in the land of sunshine and flowers." He says that he anticipates a trip to Kansas in the spring.

TOWN HALL

THURSDAY ONLY, MARCH 8

Cleo Ridgley and Wallace Reid in **"The Love Mask,"** a gripping Western drama.

The Rev. Billy Sunday and His Co-workers. This is the only motion picture the noted Evangelist ever appeared in.

Napoleon and His Mate. The Chimpanzees with the human brains, in **"Jungle to Trouble."**

Paramount Pictograph.

Attraction Extraordinary !

FRIDAY and SATURDAY, MARCH 9 and 10

Mary Pickford in "The Eternal Grind."

MRS. VERNON CASTLE as "PATRIA"

and the **Inimitable Charlie Chaplin** in another riot of fun.

TUESDAY, MARCH 13

Sessue Hayakawa, the noted Japanese actor, supported by an all-star cast, in **"The Clue,"** a thrilling detective masterpiece.

U. S. Naval Review, instructive and interesting to all.

Astor Cup Race, the great Annual Automobile Race.

Paramount Comedy.

Mrs. Vernon Castle as Patria Channing in PATRIA International Serial

There's no question about it—
The fabrics are the pick of the world's best woolens.
That's why the Rogers Peet clothes give satisfaction.
At the Amherst House again:
Wednesday, March 14th
Complete showing of everything college men wear.

MAIL ORDERS FILLED

ROGERS PEET COMPANY

Broadway at 13th St. | "The Four Corners." | Broadway at 34th St.
Broadway at Warren | | Fifth Ave. at 41st St.
NEW YORK CITY

AWARD NUMERALS

The athletic committee has awarded the following numerals for interclass contests:

1919 basketball—C. D. Blanchard, Crowe, Vickers, Williams, Whittle, Coderre, Mgr.

1919 hockey—Mansell, D. Ross, Chisholm, Sweeney, Faber, Seavey, Poole, Chandler, Mgr.

1920 basketball— Lothrop, Richards, Harrington, Lent, Vigezzi, Steadman, Fuller, Mgr.

1920 hockey—Ball, Crafts, Douglass, Doucette, Mallon, Redding, D. Smith, Spencer, Quadland, Mgr.

ANNOUNCE OFFICERS

The sophomore class has finally decided to announce their officers for the remainder of the year. At a meeting held in the old chapel, Feb. 21, the following men were honored: President, Kenneth S. Williams of Sunderland; vice-president, Paul Faxon of Wellesley Hills; secretary, Henry B. Pierson of Bradford; treasurer, Edward A. White of Providence, R. I.; captain, Allan L. Pond of Holliston; sargeant-at-arms, Harold W. Poole of Hudson; historian, Stewart P. Batchelder of North Reading.

COMMITTEE TO CONSIDER RULES GRANTING DEGREES

That it is more difficult to obtain the degree of Master of Science under the existing rules than the degree of Doctor of Philosophy is the allegation which the committee composed of the heads of the departments of sciences and humanities will soon investigate. Although at present the regulations for attaining the M. S. degree require the pursuit of one minor subject while two are necessary for the Ph. D. degree, still the rules concerning the former degree are extremely indefinite and inadequate.

The committee which has been appointed to define more definite rules regarding the amount of work necessary for the acquirement of the degrees consists of Dr. Marshall, chairman, Drs. Fernald, Cance, and Anderson, and Profs. Lockwood and Waugh.

ATTENDS CONFERENCE

President Kenyon L. Butterfield together with President Howard Edwards of Rhode Island and C. L. Beach of Connecticut attended a conference of the New England Agricultural colleges league Friday afternoon at the Hotel Bellevue in Boston. At this time new ways of stimulating farm production formed the main form of discussion.

BOTANY CLUB MEETING

The Tuckerman Botanical club will meet in Clark hall, Wednesday, March 7, at 8-00 P. M. Prof. C. H. Thompson will talk on "Botanizing in the South-west and in Mexico." Visitors are cordially welcomed to all the meetings.

COMES DURING VACATION

Eighth Annual Farmers' Week Begins March 26

The eighth annual Farmers' Week, March 26 to 30, promises to be one of the most succesful gatherings of the kind for some time. An excellent program of speakers, demonstrations and movies has been arranged by the committee. Poultry, corn, potato and various other shows and exhibits are scheduled so that the whole week will be filled solid with live interesting material for farmers. Unfortunately these all come during vacation so that most of the students will have no chance to share in the benefits of the lectures and shows. The work of the week has been divided into seven sections each in charge of one of the professors:

Field Crops, Farm Management, Earl Jones.
Animal Husbandry, Dairying, J. C. McNutt.
Poultry Husbandry, J. U. Graham.
Fruit Growing, Market Gardening, Floriculture and Forestry, F. C. Sears.
Women's Section, Home Economics, Miss Laura Comstock.
Farmers' Business Organizations, A. E. Cance.
Beekeeping, B. N. Gates.

Besides these lectures and talks there is to be a group of instructive exhibits of agricultural interest as follows:

A milk, cream and butter show, junior extension work, commercial exhibits, fruit show, corn show, potato show, poultry exhibit, home economics exhibit, beekeeping apparatus, exhibit of injurious insects, exhibit of crop diseases, floricultural exhibit, commercial market gardening and a big live stock parade.

Wednesday has been set aside as Dairy day by the committee, and the department in Flint laboratory will be on show to all at that time. Thursday has, also, been assigned for a special subject, the Massachusetts Fruit Growers' association. Special tours of inspection of the college equipment and buildings will be organized for the other days of the week.

On Tuesday, Wednesday and Thursday evenings there will be an especially good program of speakers preceded and followed in each case by educational motion pictures on agriculture, travel and commercial and manufacturing industries. The program follows:

MONDAY EVENING.

"Developing an adequate system of Agricultural Education for the Commonwealth." Payson Smith of the State Commission of Education and President Kenyon L. Butterfield.

TUESDAY EVENING.

"Organizing Massachusetts Agriculture." Wilfrid Wheeler, Secretary of the State Board of Agriculture.

"A Better System of Farm Loans." Herbert Quick, member of the Farm Loan Board.

WEDNESDAY EVENING.

"The New Agriculture." G. I. Christie, Superintendent of Agricultural Extension at Purdue University, Lafayette, Ind.

THURSDAY EVENING.

"Marketing and Distribution of Farm Products." Prof. Paul T. Cherington of Harvard School of Business Administration, Cambridge.

Dr. Cance of the Economics department will entertain his major students in his offices in South College, Wednesday evening, March 7.

UNITY CHURCH

NORTH PLEASANT ST.

A Church home of the liberal Faith, where every student will meet with a cordial welcome.

REGULAR SUNDAY SERVICE AT 7 P. M.

WHITE'S MUSIC STORE

HENRY K. WHITE
241 MAIN STREET, NORTHAMPTON

Mandolins, Genuine Hawaiian Ukuleles, Picks, Strings, etc., and music for all instruments and all voices. Instruments may be had on trial.

HOW IS THE SOLE WITH YOU ?

Get your shoes tapped at

GINSBURG'S, Amity St.

Work neatly done Satisfaction guaranteed

Amherst House

When your folks come to visit you, bring them in to us and we will take good care of them.

D. H. Kendrick, Prop.

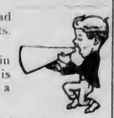
I. M. LABROVITZ

The Leading Tailor and Gents' Furnishings

Full Dress Suits to Rent
Caps and Gowns for Sale or Rent
Also Ladies' Tailoring
Our Work is Guaranteed

We do Dyeing, Cleaning, Repairing and Pressing
PHONE 392-W
11 AMITY STREET, AMHERST, MASS.

The wise ones read our advertisements. It pays. Every young man in this country today is ambitious—or he's a "dead one."



Our specialty is
Clothes for Young Men
that have pep.

MERRITT CLARK & CO., 144 Main Street, Northampton.

WHO SAID A MIDNIGHT LUNCH ?

Make it on one of our small
Electric Grill Stoves
Easy to care for and no danger of fire
Also a good line of
STUDENT LAMPS AND APPLIANCES

RUMERY & FAY, Electricians

THE
United States Hotel
Beach, Lincoln and Kingston Sts.
BOSTON, MASS.

Only two blocks from South Terminal Station, and easily reached from North Station by Elevated Railway, and convenient alike to the great retail shops and business centre, also to the theatres and places of interest.

European Plan $1.00 per Day and Upwards

Table and service unsurpassed. Booklet and map sent upon application

TILLY HAYNES, Proprietor — JAMES C. HICKEY, Manager

WEBSTER'S STUDIO

Everything in Photography

GROUPS A SPECIALTY

Good work speaks for itself.

NASH BLOCK, AMHERST, MASS.

AMHERST BOOK STORE

Note Books — Fountain Pens
Agents for Rex Typewriter
F. M. CURRAN — C. F. DYER

MARSH'S SANITARY
Students' Furniture
RUGS AND CARPETS
— E. D. MARSH ESTATE —

ESTABLISHED 1892
STEPHEN LANE FOLGER, Inc.
MANUFACTURING JEWELERS
180 BROADWAY, NEW YORK

CLUB AND COLLEGE PINS AND RINGS
GOLD, SILVER AND BRONZE MEDALS

—— JOIN THE BUNCH AT ——
EPSTEIN'S TAILORING PARLORS
Now located over post office. Up one flight
Pressing and Cleaning a Specialty
Liberal Ticket System Tel. 36-M

College Stationery
With Class Numerals.

Magazines, Newspapers and Fountain Pens

A. J. HASTINGS
Newsdealer and Stationer

Gallup at Holyoke
293-297 High St.
—SELLS—
Hart Schaffner & Marx Clothes
Come down to Holyoke and see our big store.

S. S. HYDE
JEWELER & OPTICIAN
13 Pleasant St.
Oculists' Prescriptions Filled. Broken Lenses Accurately Replaced. Fine Watch Repairing Promptly and Skillfully Done.
Satisfaction Guaranteed

"BIDE-A-WEE"
Creamed Chicken and Waffles
Our Specialty—And other good things to eat.
MRS. L. M. STEBBINS,
Middle Street, Hadley, Mass.
Tel. 415 W

The Highland Hotel
Corner of Hillman and Barnes Streets, three blocks from the Union Depot is a modern hostelry run on the European Plan. It is just a step from Main Street, away from the noise and dust and yet in the center of the business district.
Its rooms are well furnished and comfortable, having a telephone and hot and cold running water in every room. Prices $1 and up; rooms with bath (single) $1.50 and up.
Its excellent cuisine and well ventilated dining room makes a meal a pleasant memory—everything of the highest quality, well cooked and served in the best possible manner.
Stay at the Highland Hotel once and you will anticipate staying there again. Music every evening.
D. H. SIEVERS,
Highland Hotel, Springfield, Mass.

Dr. A. H. Daniels, D. O.
OSTEOPATHIC PHYSICIAN
305 LAMBIE BLDG., NORTHAMPTON, MASS.
Telephone
BUY YOUR
Dental Creams, Toilet Soaps, Shaving Powders, etc., of
A. W. HAMLIN, AMHERST, MASS.
I call at the Dorms and Fraternity Houses.

Seniors and Juniors
Now is the time to buy those
FILING CASES
For your Bulletins.
Johnson Book Co.
BARRITT WOODWORTH
Alpha Sigma Phi House.

AMHERST GARAGE CO., INC.
Automobile Supplies
REPAIRING IN ALL ITS BRANCHES VULCANIZING

Russell, Burdsall & Ward Bolt and Nut Co.
PORT CHESTER, NEW YORK
ESTABLISHED 1845
Makers of The Celebrated **EMPIRE** BOLTS and NUTS

Batchelder & Snyder Co.
PACKERS AND POULTRY DRESSERS
WHOLESALE ONLY
Beef, Mutton, Lamb, Veal, Pork, Hams, Bacon, Sausages, Poultry, Game, Butter, Cheese, Eggs, Olive Oils.
Blackstone, North and North Centre Streets.
BOSTON, ... MASS.

F. A. SHEPARD
MEN'S STORE
Shoes Hats Furnishings
Local Agent for
E. V. PRICE CO., LAMM CO., BROWNING, KING & CO., Custom Tailors
OUR DISCOUNT TICKET SAVES YOU 5%

Carpenter & Morehouse,
PRINTERS,
No 1, Cook Place, Amherst, Mass.

1915 NOTES

Sumner Dole, who is athletic director at Montpelier, Vt., is having fine success with his basketball team this winter. His team has already won ten and lost two. Dolly writes that he has a pair of forwards that are considered the best in the state.

E. S. Draper is busy with landscape work in the South, his headquarters being in Charlotte, N. C. "Drape" and L. C. Willis '09 held an M. A. C. "get-together" dinner in Knoxville on Feb. 12, while the former was passing through the city on a trip through Tennessee and Kentucky. The M. A. C. Directory was the cause of the meeting.

"Fritz" Hyde has recently been visiting Amherst, after having a hard time with typhoid fever.

Bill Doran recently informed us that he was engaged. The lucky girl is Miss Hazel Alice Bacon of Meriden, Conn.

SHADE TREE BULLETIN

Prof. George E Stone of the department of botany is the author of a new 264 page bulletin, 170, of the Experiment Station, on "Shade Trees, Characteristics, Adaptation, Diseases and Care." The bulletin will be of great value for practical use to landscape gardeners, city park commissions, etc. It treats exhaustively of the adaptability of different species to different climates, of the different trees to use for varying purposes, as along streets, on lawns, or in formal gardening schemes

HOLDS ANNUAL CONVENTION

The National Federation of Commons Clubs held their annual national convention with the Allegheny chapter at Meadville, Penn. on the days of March 2, 3, 4, and 5 D. M. Lipshires '18 and S. S. Smith '18 were the delegates from the Massachusetts chapter.

PREPAREDNESS ACTIVITY

[Continued from page 1]

well to recall the absence of Dr. Joel E. Goldthwaite '85 of Boston from the recent alumni banquet at the college, owing to his important duties as chairman of two committees on national medical preparedness.

The Holyoke Valve & Hydrant Co.
Jobbers of Wrought Iron and Brass Pipe, Valves and Fittings for Steam, Water and Gas, Asbestos and Magnesia Boiler and Pipe Coverings, Pipe Cut to Sketch, Mill Supplies, Engineers and Contractors for Steam and Hot Water Heating, Automatic Sprinkler Systems, Boiler and Engine Connections. Holyoke, Mass.

COLONIAL INN
The Place For Good Feeds
Give us a trial and you will be satisfied.
PLEASANT ST.
Just before you enter the campus

EXPERIMENTS ON HOGS

To find a new and cheap feed for hogs is the object of experiments being carried on by Mr. Ernest E. Fish, graduate student in the animal husbandry department of the Massachusetts Agricultural college. The experiment will endeavor to show the palatability of the shells of the cocoa bean and their food value as compared with that of corn and tankage. These shells are the by-product of the manufacture of the commercial cocoa, and can be purchased at $10 per ton, while corn, which is the principal grain used in the fattening of hogs, costs from $45 to $47 per ton.

If the experiment proves to be a success a saving of seventy-five percent of the present cost of feeding will be brought about, which will be a benefit both to the manufacturer of cocoa and to the farmer.

Two pigs, weighing about 60 pounds apiece, are to be fed the standard ration of 10 parts of corn to one of digester tankage at the rate of 2.5 pounds per day. The corn is to be supplemented by the cocoa shells as the appetites of the animals show such additions to be palatable. The cocoa shells are to be soaked from one feeding to the other in order to aid in their digestibility.

The experiment is to be run in two parts. The object of the first part, which will be carried on for about six weeks, will be to find out the palatibility of this type of feed and the second part to determine the comparative food value of the new feed to that of the old corn and tankage ration.

In order to carry out the second part of the experiment two lots of two pigs each will be run in competion. One lot will be fed the corn and tankage ration and the other, the cocoa shell and tankage combination. The weights and healths of the two lots will be carefully noted in order to determine the relative value of the feeds. "No work has ever been done on the feeding value of the cocoa bean shells and I am awaiting the results of the experiment with a great deal of interest," says Mr. Fish.

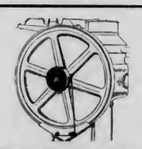
TREATISE ON ASPARAGUS

Prof. F. W. Morse of the department of chemistry has recently published a bulletin entitled "A Chemical Study of the Asparagus Plant." It is gotten out by the M. A. C. Experiment Station as Bulletin No. 171. It is a scientific treatise on the constituents, both organic and inorganic, of the crowns, roots and stalks during the period of the plant's growth.

Northwestern University has lately become conspicuous by deciding that it could do better without a president than with one. The trustees concluded to elect no president to succeed Dr. A. W. Harris, and vested the direction of the university in a committee of deans.

E. B. DICKINSON, D.D.S.
DENTAL ROOMS
Williams Block, Amherst, Mass.
Office Hours: 9 to 12 a. m., 1-30 to 5 p. m.

—Turn the—
Twelve Pound Look
to our store and change the Food Tragedy into a Romance with a
BOX OF ST. CLAIR'S CHOCOLATES
Will have a fresh supply Thursday
HENRY ADAMS & CO.
The Rexall Store—On the Corner



THIS "Warning Signal" Insures Proper Speed on Every NEW DE LAVAL
NINE people out of ten turn the separator handle too slowly.
Thousands of tests with experienced separator operators show this to be the case, and it has been shown conclusively that there is a big cream loss when the separator is not turned fast enough.
The Bell Speed Indicator on the New De Laval is a "warning signal" that insures proper speed at all times. No matter who runs your De Laval, this "warning signal" will tell you when the speed is not right. You hear it and do not need to see it. This one feature alone may easily save you the cost of a cream separator in the next few months.
But that is only one of the big advantages of the New De Laval. Other advantages are greater capacity, closer skimming and easier turning, simpler bowl construction and easier washing. Send for catalog.
THE DE LAVAL SEPARATOR COMPANY
165 BROADWAY, NEW YORK — 29 E. MADISON ST., CHICAGO

European Success With Nitrate
European farmers use **600** pounds to the acre of a fertilizer containing **4½** per cent of **available** Nitrogen.
American farmers, on the average, use **200** pounds to the acre of a fertilizer containing 2 per cent of mostly unavailable Nitrogen.
Average **European yields** of Wheat, Oats, Potatoes, and Cotton in Egypt, are **double** American yields.
The difference is due to amount of **available** Nitrogen applied per acre.
Write for My Free Book, "What Nitrate Has Done"
Dr. WM. S. MYERS
Director Chilean Nitrate Propaganda
No Branch Offices 25 Madison Ave., New York

DEPARTMENT NOTES

A "practical agricultural" feature has been inaugurated in the course in "Feeds and feeding" given by Professor E. L. Quaife, of the Animal Husbandry Department. The seniors taking the course have been divided into groups of three and under the supervision of Mr. Kalaf, the herdsman of the college farm, they are to spend three days a week weighing the rations given the cows and in becoming familiar with practical feeding methods as actually carried out on the farm. "The object of this class exercise," says Professor Quaife," is just to acquaint the men with the methods of feeding as found in practice."

Owing to the requests made by the class in live stock management, that they be given work in hog butchering, the Department of Animal Husbandry has made arrangements for instruction along this line. This is an entirely new feature in the department and is indicative of a desire to grasp the more practical aspects of the course.

AGGIE GRADUATES ACTIVE IN WRITING BULLETINS

A list of recent Experiment Station Publications give the following Aggie men as authors:

'81.—Director J. L. Hills, Vermont Agricultural Experiment Station is the author of a number of Vermont publications.

'90.—C. H. Jones, Vermont Experiment Station is joint author of bulletins 195, 7, 8, and 201.

'94.—R. S. Smith, Professor of Plant Pathology at the University of California is author of Circular 157 "Control of Pear Scab." Professor Smith was formerly professor of botany and a member of the Experiment Station staff at M. A. C.

'97.—P. H. Smith is joint author of Massachusetts Station control series. Bulletin 5.

'02.—H. E. Hodgkiss of Geneva, N. Y., Experiment Station is joint author of Bulletin 423, "Miscellaneous Notes On Injurious Insects."

'03.—C. P. Halligan, Assistant Professor in Horticulture at Michigan is author of Circular 30 of Michigan Experiment Station on cucumber growing.

INTERCOLLEGIATE NOTES

The relations between capital and labor was the subject of the Founder's Day address at Cornell University, Jan. 11, by John D. Rockerfeller, Jr.

A nation-wide campaign to raise $10,000,000 as a permanent endowment for Harvard University has recently been announced by Thomas W. Lamont of the class of 1892, member of the firm of J. P. Morgan & Co., and chairman of the Harvard Endowment Fund Committee. The campaign, designed ultimately to reach practically every one of the 40,000 living Harvard men, is easily the largest ever undertaken by an educational institution in this country.

on your way down town and look over the new arrivals!

Hart Schaffner & Marx Suits
In the Newest Spring Colorings
Our Spring Lines of
SHIRTS, CAPS AND NECKWEAR
Are Here.
Our prices are a little lower than the other fellow's.
"BUD" ROSS, Agent

SANDERSON & THOMPSON
School and College Photographers . . .
White Studio
LOCALLY: 52 Center St., Northampton Mass., and South Hadley, Mass
MAIN OFFICE: 1546-1548 Broadway, New York City
These Studios offer the best skilled artists and most complete equipment obtainable

Insure Your Crops and Your Profits
Write today for prices on
E. Frank Coe Fertilizers
1857 The Business Farmers' Standard for Sixty Years 1917
Ask For Our Crop Books. We Want Reliable Agents in Unoccupied Territory
Address Agency Manager
THE COE-MORTIMER COMPANY
Subsidiary of the American Agricultural Chemical Co.
51 CHAMBERS STREET . . . NEW YORK CITY

ENTRIES FOR MEET

[Continued from page 1]

performances will be when lined up against the more seasoned upper classmen.

A special feature event has been secured by Manager Flint in a special open mile race between Lyons and Carpenter and a record should be hung up by the winner of this 13 lap grind.

The freshmen relay team will run a feature race with Springfield high as the first event of the day. The men have been drilled hard by Coach Dickinson in the fundamentals of passing the baton and taking the banks. The team will probably be made up from Dewing, Carlton, Gray, Lyons and Holland.

Medals and ribbons are to be given to the high scorers and numerals awarded the men landing first and second places in the events. Scoring will be based on the first four places, first counting five, second three, third two and fourth one.

The officials have been appointed as follows: C. S. Hicks, referee and starter; L. S. Dickinson, referee of course; O. S. Flint, assistant referee of course; judges, L. F. Payne, E. H. Rucker, I. C. Root; timers, George Chapman, F. W. Mayo; scorer, Westman; measurer, Buckman; marshals, Higginbotham, Edwards, Hagelstein, Mack and Boles.

A list of entries follows:

25 yard dash—1917, Day, Bell, Kelsey, Wilcox: 1918, Chapman, Howard, Richardson, Huntoon; 1919, Martin, Parkhurst, Coderre, Leiper, Skinner, Faneuf, J. E. Callanan, Faxon, Chapin, Readio; 1920, Stedman, Roberts, Berman, Oppe, Newell, Dewing, Fuller, Silverman, Holloway, Richardson, Quadland, Hurd, Eldredge.

300 yard run—1917, Bell, Dempsey, Wilcox: 1918, Chapman, Boaz, Huntoon, Weeks; 1919, Coderre, Leiper, Skinner; 1920, Gray, Roberts, Eldredge, Newell, Holland, Holloway, Levine, Hurd, Hill.

600 yard run—1917, Bell, Dempsey, Wilcox: 1918, Pateh, W. S. Sawyer: 1919, Hall, Faxon, Leiper, V. D. Callanan: 1920, Oppe, Dewing, Taylor, T. G. Holland.

1000 yard run—1917, Bell, Grayson; 1918, Gillette; 1919, Free, Erickson, Skinner, Sweeney, V.D. Callanan; 1920, Gray, Lyons, Jones, Scott, Carleton, Shaughnessy.

Mile run—1917, E. D. Kelsey; 1918, Gillette, Baker, Gordon; 1919, Goff, Hall, Free, Chapin, Sexton, Sweeney, Jewell; 1920, Lyons, Jones, Talmadge, Carleton.

Shot put—1917, Flagg, Webster, Edwards, Light; 1918, Carlson, Spaulding, Weeks, Richards, Johnson; 1919, Pond, Castle, Faneuf, Glavin, C.D. Blanchard; 1920, Roberts, Berman, Newell, Blanchard, Holland.

Pole vault—1917, Moorhouse; 1918, Benman; 1919, Parkhurst, Alden, Skinner, G. K. Blanchard; 1920, Spencer, Oppe, Scott, Levine.

High jump—1917, Stearns, Bell, Moorhouse; 1918, Boaz, Chapman, Davis, Harwood; 1919, French, Cooley, Fogg, Morse, G. K. Blanchard; 1920, Gray, Spencer, Blanchard, Dewing, Armstrong, Harrington.

Two mile run—1918, Baker, Buchanan; 1919, Goff, Faxon, Hall; 1920, Crawford, Quadland, Lambert, Center.

The Massachusetts Agricultural College

Offers courses of instruction in twenty-seven teaching departments, which embrace the study of

Agriculture, Horticulture, Science, Humanities and Rural Social Science.

A student may specialize in the following subjects:

Agriculture
Agronomy
Animal Husbandry
Dairying
Poultry Husbandry
Rural Journalism
Floriculture
Forestry
Landscape Gardening
Pomology
Agricultural Chemistry
Agricultural Economics
Economic Entomology
Microbiology
Economic Botany
Agricultural Education
Rural Sociology

For complete catalog and illustrated booklet, write

KENYON L. BUTTERFIELD, PRESIDENT
AMHERST, MASS.

COLLEGIAN DIRECTORY

	Telephone
Associate Alumni,	C. A. Peters, Secretary—454-W
Joint Committee on Intercol. Athletics,	H. M. Gore, Secretary—403-M
M. A. C. Athletic Field Association,	C. S. Hicks, Treasurer—403-M
Non-Athletic Association,	H. E. Robbins, Manager—res. 62-W
The College Senate,	L. T. Buckman, President—416
Football Association,	J. A. Chapman, Manager—8314
Baseball Association,	R. D. Hawley, Manager—8314
Track Association,	O. S. Flint, Manager—544-M
Hockey Association,	M. R. Lawrence, Manager—8347
Basketball Association,	N. Moorhouse, Manager—8364
Rifle Club,	S. F. Tuthill, President—416
Roister Doisters,	A. F. Williams, Manager—8364
Musical Association,	D. M. Lipshires, Manager—416
Nineteen Hundred Eighteen Index,	D. M. Lipshires, Manager—8347
Nineteen Hundred Nineteen Index,	K. L. Messenger, Manager—8364
M. A. C. Christian Association,	E. M. Buffum, Manager—8364
M. A. C. Catholic Club,	D. O. Merrill, President—416
Fraternity Conference,	J. H. Day, President—8377
Stockbridge Club,	L. T. Buckman, President—416
Interclass Athletic Committee.	P. W. Latham, President—416
	O. G. Pratt, Secretary—8347

There are Seven Good Reasons why you should buy your

COAL
OF
C. R. ELDER

WOODWARD'S LUNCH

27 Main St., Masonic Bldg., Northampton, Mass.

Lunches, Soda, Ice Cream

Closed only from 1 A. M. to 4 A. M

The Connecticut Valley Street Railway

From Amherst, via Northampton, through the Hatfields, past the foot of Sugar Loaf Mt., alongside the famous Bloody Brook battle ground to Old Deerfield, thence to Greenfield, Turners Falls and across the "Plains" to Lake Pleasant, Montague and Millers Falls.

50 Miles of Trackage—Modern Equipment—Train Dispatching System—Freight and Express Service over entire line.

Connecticut Valley Street Railway Company

Jacob Reed's Sons are the leading manufacturers of

UNIFORMS

For college and military schools, and have won and maintain their prestige by sheer merit. The uniforms worn at Massachusetts Agricultural College are finished examples of our product.

JACOB REED'S SONS,
Makers of "Gold Medal Uniforms."
1424-1426 Chestnut St., Philadelphia, Pa.

SILVER CIGARETTE CASES

On Display

—AT—

DEUEL'S DRUG STORE

Amherst, Mass.

COLLEGE SHOES

We carry the largest stock in the state outside of Boston.

MODERN REPAIR DEPT.

E. M. BOLLES
THE SHOEMAN

CARS

Leave M. A. C. for Holyoke at 7.20, 8.10, 9.10, 10-20, and at 20 minutes past the hour until 11.20 P. M.

CARS

Leave Amherst for M. A. C. at 6.05, 6.25, 7.00, 7.30, 8.00, 8.15, 9.15, 9.30, 10.15, 10.30, 11.15, 11.30, 12.30, 12.45, 1.30, 1.45 and at 45 minutes past the hour up to 9.45, and at 10.30 and 11.00 P. M.

Last car at 12.30 A. M.

Special Cars at Reasonable Rates

AMHERST & SUNDERLAND ST. RY. CO

THE TERPSY PARLOR
Cleansing Pressing Repairing
Quickest service, Best Work, Lowest Price
All work carefully done. Work called for and delivered. Gents' overcoats, suits, pants and coats. Ladies' fine linen suits a specialty.
Teams will call every day at M. A. C.
WM. FRANKLIN, Prop.
Rear Nash Bl'k, Amherst. Tel. No. 341-4

Amherst CO-OP LAUNDRY

High-Grade College Work

Shirts,	10-15c
Collars,	2 1-2c
Cuffs,	2 1-2c
Plain wash,	48c per doz.
Same, rough dry,	30c per doz.

DRY CLEANING AND PRESSING

Steam Pressing 40c, 3 Suits for $1.00
Dry Cleaning and Pressing, $1.50 a Suit

All bills payable at Co-op. Store and parcels left there will receive prompt attention.

GRAYSON '17, Agent
HIGGINBOTHAM '17, Asst. Agent

Entered at the Mass Agri College

THE MASSACHUSETTS COLLEGIAN

MASSACHUSETTS AGRICULTURAL COLLEGE

Vol. XXVII. Amherst, Mass., Tuesday, March 13, 1917. No. 22

PLATTSBURG TRAINING FOR RESERVE OFFICERS' CORPS

New System to Take Effect April 3. Pay at Rate of Thirty Cents Per Day.

Five hours a week of military training during the college course and four weeks in summer training camps will be required of students signing up in the Reserve Officers Training Corps. After leaving college and taking the following summer training camp work a student is under no obligation to go to war. Thirty cents a day will be paid during the period of training. Those signing up for the Reserve Officers Training Corps on April 3, will be required to make the following agreement:

CONTRACT.

In consideration of commutation of subsistence to be furnished in accordance with law, we hereby agree to continue in the Reserve Officers Training Crops during the remainder of our course in (institution), to devote five hours per week during such period to the military training prescribed and to pursue the courses of camp training as prescribed by the secretary of war

Men will be paid at the rate of about 30 cents a day for every day in the year irrespective of rank. The first payment will be made in June for the months of April, May and June and after that every month.

Summer camps will be held at Plattsburg, N. Y. from June 2 to July 1, July 7 to Aug. 5, Aug. 11 to Sept. 9, Sept. 15 to Oct. 14. The choice of camp is optional, but all must take one camp unless they sign up for a six months service in the army or have attended a previous camp. All expenses will be paid including transportation subsistence and a new uniform. The men will be placed in companies with other college men who have elected R. O. T. C. Rank will depend somewhat upon the rank and standing of a man in his home unit.

Nineteen-seventeen men who sign will have an option of becoming officers in the army for six months at $100 per month or attending a summer camp after completing their work in college. If the army commission is accepted they will be reserve officers for ten years after taking the commission. For 1918 the

Continued on page 61

FRIDAY, MARCH 30, BOSTON CITY CLUB, 6-30 O'CLOCK

This is the time and place of the Aggie Banquet.

Alumni; Undergraduates; Faculty; Aggie Men; you are invited.

It would be giving away secrets to tell the plans for the evening at this time.

It will be no exaggeration to guarantee that this new-kind-of-an Aggie-get-together will be a distinctly worth while gathering.

Undergraduates are asked to aid the committee by obtaining their tickets before vacation.

Yours for a good dinner, yours for live speeches by good speakers, yours for a rattling good evenings' entertainment and a chance to meet the other fellow,

The Committee.

RICHARDSON ELECTED TO CAPTAIN HOCKEY SEPTET

Played Left Wing Past Season. All-around Athlete. Sawyer to Manage Team.

Stephen M. Richardson '18, has been elected captain of varsity hockey for the coming year. "Steve," who is a product of Marlboro, is one of the best all-round athletes in the college. He was captain of the class hockey septet his freshman and sophomore year. The past season he has played regularly at left wing on the varsity seven. Richardson has been a member of the varsity baseball team for two years, playing in the field or as catcher. Likewise, he was on the class football squad for two years and a member of the varsity eleven the past season. In class affairs he has been active, being class captain and vice-president. He is also a member of the musical clubs.

The team will be managed by Wesley S. Sawyer '18, of Boston. Sawyer has been assistant manager of the varsity seven the past season. He has recently been elected to the editorial staff of the COLLEGIAN.

VOTE FOR ENDOWMENT FUND

A senior smoker, held in the Social Union rooms last Wednesday, brought up many interesting points. Dr. Peters, alumni secretary, spoke on the purpose of a class secretary. The class, acting upon his suggestion, have appropriated a permanent endowment fund, the interest of which will be used to pay the expenses of the class secretary in keeping the class in touch with their alma mater and old classmates. A sentiment was expressed that an attempt be made to cut the commencement exercises down by a day. Dr. Lindsey spoke reminiscently, after which came "smokes and eats."

VARSITY DEBATERS WIN ARGUMENT OVER VERMONT

Compulsory Railroad Arbitration Under Discussion. Sampson, Burt and Stockwell Make up Team.

The varsity debating team won a two to one decision over the University of Vermont at Burlington, Vermont, March 8. The Aggie team defended the negative side of the subject; resolved that the Federal government should provide compulsory arbitration on disputes on interstate railroads. The visiting team was composed of E. Sidney Stockwell, '19 of Sharon, Henry J. Burt '19 of West Somerville, and Fred B. Sampson '18 of Fall River.

The M. A. C. team was easily the winner and brought out its argument under three main heads; no need for compulsory arbitration by Federal government because the present laws are satisfactory, it is wrong in principal and it is impractical.

The judges were Judge Darling of Vermont, Secretary of State under Taft; Mr McCune of Vergens, Vermont, and Mr. Ramsey, a former railroad president, who did not vote in favor of the Aggie team.

The teams in the past years have easily defeated their opponents, and next year an attempt will be made to arrange debates with the bigger colleges

TAKES CEPHALIC INDICES

Dr Robert J. Sprague, Professor of sociology, is keeping a record of the cephalic indices of the students who are taking his course in anthropology. When these men graduate he will procure their marks from the registrar and determine whether or not the cephalic index indicates one's capacity for learning.

TWO RECORDS BROKEN IN ANNUAL INTERCLASS MEET

Seniors Finish One-sixth Point Ahead of Sophomores. Juniors Third by Narrow Margin.

Two records were broken in the annual indoor interclass track meet, which the seniors won, finishing one-sixth of a point ahead of the sophomores. Alfred W Bell, '17, of West Newton, did the thousand yard run in 2 minutes, 32 seconds, beating the old record by 2 and one-fifth seconds. Howard Goff, '19, of Everett, made the remarkable time of 10 minutes, 28 and two-fifth seconds, lowering the old record for the two mile by 26 and two fifth seconds. Springfield high school beat the freshman relay team by about fifteen yards in the first event of the afternoon.

The points garnered by five men were enough to give the senior class first place in the final standing Although handicapped by 1917's 9 point lead from the interclass relay results, the sophomores finished but one-sixth of a point from their brother class, while the juniors nosed the freshman athletes from third place by one-half point. The final standing was: Seniors, 35 5-6, sophomores, 35 2-3; juniors 17 1-2; and freshmen 17 points.

The entire meet was one of the smoothest and fastest held for some time. Goff in the two mile run, taking an early lead, ran a heady race in 26 2 5 seconds, under the previous record time of 10 minutes 54 4-5 seconds, held by E. S. Richards, '16. Bell, '17, easily the star of the day, and responsible for nine of his class points, soon took the lead of a fast field of 1000 yard men, and in a clean finish was timed for 2 minutes, 32 seconds, bettering the record of 2 minutes and 34 1-5 seconds by 2 1-5 seconds.

The indoor 25 yard dash furnished a speedy exhibition during the eliminating trial heats and semi-finals, the final place going to Coderre, '19, who found a close rival in Stedman, '20, who fell into second place by a narrow margin.

One of the prettiest events was the mile run. Sweeney set the pace early in the thirteen and a half lap, gained and maintained a good lead until the last lap, when Bell in a splendid sprint finished less than a yard behind his leader.

The dopesters received a set back when the heavy men began heaving the sixteen pound weight. A dark horse was uncovered in Newell, '20, who registered thirty-one and eight-tenths feet, beating out "Hap" Day, '17, by seven-tenths of a foot.

The 300 and 600 yard events in their trials and finals were for the most part a fast grind, places going to those who were most skillful in working loose from the scramble of a crowded start.

Feature events which did not count in the final summary were scarcely lacking, forming a source of entertainment as well as keen competition.

Carpenter, '19, in an open mile contest with Lyons, '18, after an exchange of positions, during the early stages of the race, settled into a pace that in spite of the third year man's game fight, came through a winner in rather slow time with a 15 yard lead.

A ruling of the athletic board prevented track letter men from competition, but a 300 yard dash gave an opportunity for a fast performance. On the first heat a general mix up took place when, in attempt to round the second bank, Clough fell, accidently tripping up the following men. On the next dash, which was pretty and tight, Yessair took the lead, but Clough pulled up in the last stage and tied for first place.

The annual "horribles" between west and east entries of south dormitory was a most gorgeous assortment of costumes. "Chip" Boyd's ten men, in as many laps had but little trouble in defeating their neighbors. The summaries:

Relay race: 1920 vs. Springfield high, won by Springfield, time 3.22 2-5. Springfield, Burr, Shea, Sanderson, Bolden. 1920, Newell, Gray, Carleton, Dewing.

25-yard dash—Won by Coderre, '19; Stedman, '20, 2d; Parkhurst, '19, 3d; Callanan, '19, 4th; time, 3 2-5s.

High jump—Stearns, '17, Fogg, '19, and Cooley, '19, tied for 1st (5ft 2in); Dewing, '20, 4th.

One mile run—Won by Sweeney, '19; Bell, '17, 2d; Gillette, '18, 3d; Gordon, '19, 4th; time, 4.55 1-5.

Shot put—Won by Newell, '20; Day, '17, 2d; Richardson, '18, 3d; Roberts, '20, 4th; distance, 31.8ft.

1000-yard run—Won by Bell, '17; Skinner, '19, 2d; Gillette, '18, 3d; Carleton, '20, 4th; time 2.32. (New record.)

Two-mile run—Won by Goff, '19; Sweeney, '19, 2d; Baker, '18, 3d; Bell, '17, 4th; time, 10.28 2-5 (new record).

300-yard dash—Won by Wilcox, '17; Chapman, '18, and Day, '17, tied for 2d; Leiper, '19, 4th; time, 37 2-5s.

600-yard dash—Win by Dewing, '20; Dempsy, '17, 2d; Hall, '19, 3d; Leiper, '19, 4th; time, 1.25.

Special mile race—Won by Carpenter, '19; Lyons, '18, 2d; time, 4.57.

300-yard dash (open to varsity men)—Clough, '17, and Yessair, '19, in dead heat; Pratt, '17, 3d.

Dormitory relay race (East entry, North college, against West entry)—Won by East entry.

FINAL EXAMINATIONS TO BEGIN TUESDAY, MARCH 20

Final examinations for the second term begin Tuesday morning, March 20. These will be run off similar to those of last term, four exam periods being scheduled for each day. Following is a complete list of subjects and the rooms where they are to be held:

TUESDAY, MARCH 20.

7-30-9-45, A. M.

Landscape Gardening 53, W. H. B.
Pomology 51, F. H. F.
Microbiology 75, M. L.
Agricultural Education 76, S. H., 113
English 26, Soph. Chapel.

9-55-12-10 A. M.

Agricultural Econ. 52, C. H. B.
Animal Husbandry, 76, S. H., 114
History and Government 75, F. L. K.
English 55, S. H., 110.
French 51, F. H., H.
German 51, F. H. C.
Freshman Mathematics 5, Chapel

1-00-3-15 P. M.

Poultry 75, S. H 102
Rural Engineering 77, S. H. 113
Market Gardening 76, C. H. A.
Chemistry 52, C. L.
Mathematics 53, M. B.
Economics Soc. 51, F. L. M.
Spanish 76, F. H H.
Rural Soc. 77, } E. B. D.
Rural Soc. 78, }
Sophomore Agricultural Economics 26, Chapel

3-25-5-40 P. M.

Farm Management 75, S. H. 102
Landscape 51, F. H. F.
Landscape 76, W. H. B.
Chemistry 61, C. L.
Zoology 51, E. B. K.
English 61, C. H. B.
Freshman Geology, Chapel
Sophomore Botany 26, C. H. A.

WEDNESDAY, MARCH 21.

7-30-9-45 A. M.

Pomology 76, W. H. A.
Chemistry 92, C. L.
Rural Engineering 26, Chapel.

9-55-12-10 A. M.

Mathematics 77, M. B.
Freshman French 2 and 5. Chapel.
Freshman German 2 and 5. Chapel.

1-00-3-15 P. M.

Agricultural Education 51, S. H. 113
Forestry 51, F. H. H.
Sophomore Physics 26. Chapel.

3-25-5-40 P. M.

Spanish 51, F. H. C.
Botany 56, C. H. A.
Botany 79, C. H. B.
Sophomore Mathematics 26, E. B. D.

THURSDAY, MARCH 22.

7-30-9-45 A. M.

Animal Husbandry 78, S. H. 102
German 79, F. H. H.
Botany 51, C. H. B.
Agronomy 78, S. H. 110
Animal Husbandry 26, S. H. 113 and 114

9-55-12-10.

Dairying 75, F. L. M.
Poultry 52, S. H. 114
Entomology 90, E. B. K.
Mathematics 51, M. B.
Veterinary 51, V. L. B.

DRAPER LUNCH

Northampton, Mass.

Where all foods of the best quality are served at the minimum price

WM. M. KIMBALL, Proprietor.

Dr. L. O. Whitman
21 Pleasant St., Amherst, Mass.
Office Hours: 1-3, 7-8 p. m. Sunday and other hours by appointment.

Eyes Examined
Glasses Furnished
OSCAR L. McCULLOCH
54 Suffolk St. Holyoke, Mass.

Croysdale Inn
SOUTH HADLEY, MASS.
Good Beds and Good Things to Eat.
Telephone 2626-W, Holyoke.

FLEMING'S SHOE STORE
Northampton

Cox Sons & Vining
72 Madison Ave., New York

Caps
Gowns
Hoods
for all Degrees
ROBES FOR JUDICIARY, CLERGY AND CHOIR

FLOWERS AND PLANTS
Grown by the Floricultural Dept.
We offer our surplus stock of cut flowers and plants at reasonable rates to students and faculty. This stock is grown in modern houses under ideal conditions. Roses, carnations, violets, chrysanthemums and sweet peas in season.
GROWN ON THE CAMPUS
Telephone 200

RAHAR'S INN
Northampton, Massachusetts
EUROPEAN PLAN
The Best Place to Dine
All Kinds of Sea Food
Special luncheon from 11-30 to 2 p. m.
A la carte service
6-30 a. m. to 11-30 p. m.
R. J. RAHAR, Prop.

The "Nonotuck"
HOLYOKE'S LEADING HOTEL
Club Breakfasts, 25c to 75c
Business Men's Luncheon, 60c
Sunday Table d'Hote Dinner, $1.25
GORHAM BENEDICT, Mgr.

BECKMAN'S
Candies and Ice Cream
"HAMP"

SHOES WITH UNEQUALED PRICES
Direct from the factory.
Latest in Spring and Summer Styles
Best quality—Satisfaction guaranteed
"GYP" GOODWIN '18, A X A House.

AMHERST SHOE SHINE PARLOR
The Best Shine in Town.
—Also—
Shoe Repairing
Neatly and quickly done.

RAYSEL'S
Clothes, Furnishings, Shoes, Hats

THE COLLEGE MAN'S STORE
179 Main St., Northampton

PLYMOUTH INN
Northampton
Quiet and Comfortable—Every facility for
BANQUETS PARTY DINNERS
American and European Plans

THE NORTHWESTERN MUTUAL LIFE INSURANCE CO.
For information write to
ELLIOTT HENDERSON, Special Agent
79 Milk Street,
Boston, . . . Mass.

DR. GEO. A. HASWELL
Osteopath
Central Chambers, Center Street,
Northampton, Mass.
Phone 1027-W

PLAZA
Northampton, Mass.
Where the Best
Photo-Play Features ...
Are shown.
PROGRAM CHANGED DAILY

Public Speaking 51, S. H. 110
Agricultural Education 77, S. H. 113
Freshman Mathematics 2. Chapel

1-00-3-15 P. M.

Rural Soc. 51, E. B. D.
Microbiology 80, M. L.
Botany, 52, C. H. B.
Chemistry 2 and 5, (Freshman,) C. L.

3-25-5-40 P. M.

Veterinary 70, V. L. B.
Animal Husbandry 50, S. H. 102
Chemistry 77, C. L.
Sophomore German 26 and 29, F. H. C.
Sophomore French 26 and 29, F. H. H.
Economics and Soc. 26, S. H. 113 and 114.

FRIDAY, MARCH 23.

7-30-9-45 A. M.

Entomology 26, E. B. D.
Freshman Animal Husbandry, G. A. A.
" Agronomy, S. H. 114
" Horticulture, F. H. F.
" Poultry, F. L. M.

9-55-12-10

Agronomy, 77, S. H. 102
Entomology, 77, E. B. K.
Veterinary, 76, V. L. B.
English, 51, S. H. 110
French 76, F. H. H.
Agricultural Economics, 76, C. H. B.
Chemistry, 26 (Sophomore), C. L.

1-00-3-15 P. M.

Drawing, 26, W. H.
Freshman English, Rooms posted by Department

Any examination not scheduled above must be arranged by individual appointment with the instructor in charge of the subject.

In the event of unavoidable conflict for students having to repeat subjects, the examination scheduled for the lower class must take precedence.

The abbreviation given after subjects indicates room or rooms in which examinations are to be held. When more than one room is indicated the instructor will post a notice as to what section shall be assigned to rooms indicated.

DROPS TO FIFTH

Rifle Team Next to Last Place. Results of Matches.

There was a noticeable shift in the standings of the teams in the intercollegiate rifle series as reported in the *Arms and the Man* for this week. New York State College of Forestry with an aggregate score of 4880 is now in first place although it is in class D. The total scores were:

N. Y. State College of Forestry,	4880
Michigan Agricultural College,	4796
Notre Dame University,	4040
West Virginia University,	4005
Norwich University,	4004
M. A. C.,	4570
Cornell University,	4569

The scores for match No. 5 were:

University of Tennessee,	971
Michigan Aggies,	965
West Virginia University,	961
Norwich University,	953
Notre Dame University,	943
M. A. C.,	930
Cornell University,	924

The unofficial score for match No. 7 follows:

	Standing.	Prone.	Total.
F. H. Caulett,	96	99	195
A. B. Loring,	94	97	191
E. F. Parsons,	90	98	188
C. R. Phipps,	91	95	186
E. B. Taylor,	86	99	185
Total,			945

SALE FOR PROM
On All Full Dress Accessories

Dress Shirts, Regular $2, Sale $1.50
Derbies, which you must have, Regular $4 and $5, Sale $2 and $3
Silk Hats, Regular $8, Sale $4
Dress Ties, From 20c up
Dress Collars, 2 for 30c, Sale 10c each

Dress Suits and White Vests for Rent. Order early.

SPRING AQUASCUTUMS
Arriving from England every week through our local post office, in spite of the U Boats.
Beautiful line of Spring Goods arriving every day

CAMPION
College Outfitter

—Come to us for—
Fireplace Goods, Coat and Trouser Hangers
Ever Ready Flash Lights and Paint
Clothes and Shoe Brushes
Anything in Hardware and Cooking Utensils
Always glad to see you.

THE MUTUAL PLUMBING & HEATING CO.

BURPEE REGISTERED VAB TRADE MARK "The Seal of Quality"
Burpee's Seeds Grow
FOR forty years we have rendered faithful service. For forty years we have tried to make each year's service more nearly ideal. This untiring effort has built for us not only The World's Largest Mail Order Seed Business, but also a World Wide reputation for Efficiency and undisputed leadership. The Fortieth Anniversary Edition of **Burpee's Annual**, *the* **"Leading American Seed Catalog"** is brighter and better than ever. It is mailed free. A postcard will bring it.
W. ATLEE BURPEE & CO., Seed Growers,
Burpee Buildings Philadelphia

Page's Shoe Store
Largest Stock—Lowest Prices
Expert Repairing—Best leather used.

JACKSON & CUTLER
—DEALERS IN—
Dry and Fancy Goods and Choice Family Groceries

THE MASSACHUSETTS COLLEGIAN

Published every Tuesday evening by the Students of the Massachusetts Agricultural College.

BOARD OF EDITORS.

RICHARD W. SMITH '17. Editor-in-Chief
MARSHALL O. LANPHEAR '18. M'ging Editor
MILFORD R. LAWRENCE '17. Assistant Editor
WILLIAM SAVILLE, JR. '17. Alumni Editor

ASSOCIATE EDITORS.

JOHN T. DIZER '17
JOSEPH F. WHITNEY '17
FRANK J. BINKS '18
NATHAN W. GILLETTE '18
ELDT M. BUFFUM '19
MYRTON F. EVANS '19

BUSINESS DEPARTMENT.

MERRILL P. WARNER '17. Business Manager
JAMES C. POWELL '18. Assistant Business Manager
BIRGER R. ROSEQUIST '18. Advertising Manager

Subscription $2.00 per year. Single copies, 8 cents. Make all orders payable to **Merrill P. Warner.**

In case of change of address, subscribers will please notify the business manager as soon as possible.

Entered as second-class matter at the Amherst Post Office.

Vol. XXVII. Tuesday, March 13. No. 22

The next issue of the Collegian will appear April 3.

It is with regret that the COLLEGIAN announces the resignation of Nathan W. Gillette of Revere from the editorial staff. Gillette will take up studies at some preparatory academy in Washington, D. C., where he will be coached to take the army examinations for the office of second lieutenant in the U. S. army.

If specific accomplishments were the only basis for judging the service of a college paper to a college community the COLLEGIAN'S record for the year which closes with this issue would indeed seem a failure. We believe, however, that it is not the province of a paper to try to make over the college, but rather to foster such ideas as will provoke thought and discussion within the student body. With this in mind, we have seen fit to express our frank opinion on various topics regardless of how they might be received by students or faculty, and in so doing have often drawn upon ourselves the opposition of one or the other of these groups. Many have been the times when we offered more heat than light and once or twice our misconception of facts did great injustice, for which we beg humble pardon. We now turn over the editorial labors to the members of a new board, with the best of wishes for a year of progress.

THE story of the recent trip of the freshman basketball team to Wilton High school, as told by the members of the squad is an enthusiastic account of the hospitality, generosity, and spirit, of a wide-awake school with an Aggie alumnus at its head.

The team was met at the station by the whole high school. At that time every man on the freshman team was given a yell, by Wilton, called by name. That was just a detail. Ask the freshmen about the trip. Herbert H. Archibald '15 is the principal of the school, and it is his team that won the championship of Southern New Hampshire.

We have freshmen teams visit the college. There are 10 or more of them coming here this spring during the baseball season. It is not necessary for the whole college to greet them at the station, it is not necessary for a whole fraternity to be present at a rushing party, but—

Well, its worth thinking over.

SUNDAY CHAPEL

Pres. Faunce of Brown University to Speak. Author of Several Books

President William P. Faunce, of Brown university will address the Sunday chapel, March 13. He was born Jan. 15, 1859 in Worcester. After graduating from Brown university in 1884, he attended the Newton Theological Seminary. Since 1899 he has occupied the presidency of Brown university.

Beside being a clergyman and an educator President Faunce is a writer. Some of his recent works include "Educational Ideals in the ministry," "What does Christianity mean," "Social aspects of Foreign Missions" also contributions to many religious and educational periodicals.

TRINITY DUAL DEBATE

M. A. C. will meet Trinity in a dual debate Thursday evening. The varsity affirmative team will go to Hartford where it will uphold the subject: Resolved, That the federal government should provide the compulsory arbitration of all labor disputes on interstate railroads. The Trinity affirmative team will debate the same subject on the M. A. C. campus against the three who received the decision over Vermont last Thursday. The Aggie affirmative team consists of Russell 18, Reumann '18 and Newbold '19; the negative three, Sampson '18, Burt '19 and Stockwell '19. The debate on the campus is called for eight o'clock, March 15 in the Auditorium.

STOCKBRIDGE ELECTIONS

At the annual meeting of the Stockbridge club for the election of officers for the ensuing year the following positions were filled: President, R. Walter Hurlburt '18 of Ashley Falls; vice-president, Thomas J. Gasser '18 of Uxbridge; secretary and treasurer, George L. Goodridge '18 of Melrose.

PROF. CHENOWETH TO SPEAK

At the meeting of the Stockbridge Club Wednesday evening at 7 o'clock Professor Chenoweth will speak on "The Home Fruit Garden." The meeting is to be held as usual in room 102, and everyone interested is cordially invited to attend.

COLLEGIAN ELECTIONS

At the annual meeting of the COLLEGIAN Board, held March 6, the following officers were elected for the ensuing year: Editor-in-chief, Marshall O. Lanphear '18 of Windsor, Conn.; business manager, James C. Powell '18 of Newport, R. I.; managing editor, Frank J. Binks '18 of Maynard; advertising manager, Birger R. Rosequist '18 of Brockton. New members elected to the board are Ralph W. Harwood '18 of Barre, Wesley S. Sawyer '18 of Boston, Arthur N. Bowen '19 of Providence, R. I., and Arthur L. Chandler '19 of Leominster. Harwood will have charge of alumni and Sawyer of athletics. Members taken on in the business department were James C. Maples '20 of Port Chester, N. Y. and George A. Smith '20 of Whitinsville. Samuel B. Ferriss '19 of New Milford, Conn. was elected to the board and becomes assistant business manager. The new board will take up its duties March 15.

MARKET GARDEN PRIZE

A prize of $10 for the best plan of a home vegetable garden by an Aggie student has been offered by Leonard Hills, proprietor of the Amherst hat shop. The specifications stipulate that the garden shall be 90 feet wide, kind of fertilizer and vegetables to be grown and of an amount sufficient for a family of eight.

UNITY CHURCH
NORTH PLEASANT ST.
A Church home of the liberal Faith, where every student will meet with a cordial welcome.
REGULAR SUNDAY SERVICE AT 7 P. M.

WHITE'S MUSIC STORE
HENRY K. WHITE
231 MAIN STREET. NORTHAMPTON
Mandolins, Genuine Hawaiian Ukuleles, Picks, Strings, etc., and music for all instruments and all voices. Instruments may be had on trial.

I. M. LABROVITZ
The Leading Tailor and Gents' Furnishings
Full Dress Suits to Rent
Caps and Gowns for Sale or Rent
Also Ladies' Tailoring
Our Work is Guaranteed
We do Dyeing, Cleaning, Repairing and Pressing
PHONE 392-W
11 AMITY STREET, AMHERST, MASS.

Amherst House
When your folks come to visit you, bring them in to us and we will take good care of them.
D. H. Kendrick, Prop.

Who's a Jonah?
You?
Never!
Takes a whale of a lot of sizes, but our specialty is fitting men of all builds.
At the Amherst House again:
Wednesday, April 11th
Complete showing of everything college men wear.
MAIL ORDERS FILLED
ROGERS PEET COMPANY
Broadway at 13th St. | "The Four Corners." | Broadway at 34th St.
Broadway at Warren | | Fifth Ave. at 41st St.
NEW YORK CITY

THE OAKS HOTEL
THOMPSON STREET,
SPRINGFIELD, - - - MASS.
Has No Competitor
From any point of view

HOTEL KIMBALL CONCERT AND DANCE APRIL 20

April twenty is the date set for the second annual concert and dance of the Musical Clubs of the Massachusetts Agricultural College at the Hotel Kimball, Springfield.

Those who attended last year will testify to the success and enjoyment of the affair. More than three hundred students and alumni last year took in this Springfield concert and dance.

The manager of the Kimball Hotel made the statement that the Aggie Clubs were without doubt the best of any of the college musical clubs that had appeared at the Kimball Hotel that season. This in spite of the fact that such organizations as Tufts, Amherst, and Dartmouth, had previously given concerts there.

The concert and dance this year is being held in conjunction with the alumni of the Connecticut Valley and it is expected that the attendance will exceed that of last year. The concert will commence at about eight o'clock and will be followed by dancing until two Saturday morning. The management is prepared to accommodate a large number of the student body and it is hoped that they will avail themselves of the opportunity. The tickets are to be $2.00 a couple and may be secured from D. M. Lipshires '18.

The last morning Chapel for the second term will be held Monday, March 19.

TOWN HALL

Wednesday and Thursday, Mar. 14, 15
The initial appearance of the dainty, magnetic star, **Marguerite Clark** in **"Molly Make Believe,"** an adaptation of Eleanor Hallowell Abbott's delightful story.
We regret the 8th chapter of "Gloria's Romance" did not arrive for last week. Chapter 8 and 9 will be shown Wednesday and Thursday.
Paramount Pictograph.

Friday and Saturday, Mar. 16 and 17
The screen's foremost comedian, **John Barrymore**, in the well-known comedy, **"The Red Widow,"** in 5 parts.
2d Episode of **"Patria,"** with **Mrs. Vernon Castle,** the best dressed woman in the world.
Pathe Weekly.

Monday and Tuesday, Mar. 19 and 20
The supreme artist, **Marie Doro,** in a photoplay of heart interest, **"The Heart of Nora Flynn,"** by Jeanie MacPherson. A photo revealing glimpses of sweetness and pathos with strong dramatic moments and a powerful but happy climax.
10th Chapter of **"Gloria's Romance."**
Paramount Comedy.
Every Afternoon, at 3 o'clock, entire house 10c, children 5c.
Every Evening, at 8 o'clock, entire floor 15c, balcony 20c.
Box office opens at 2:30 and 7:30 o'clock.

Protect Your College Obligations
WITH AN INSURANCE POLICY
Cost per year, $8.54 per 1000
Send me an illustration of above policy.
Name .....
Address .....
Mail coupon to WALTER D. BARLOW '99, 3d National Bank Bldg., Springfield, Mass.

THE
United States Hotel
Beach, Lincoln and Kingston Sts.,
BOSTON, MASS.
Only two blocks from South Terminal Station, and easily reached from North Station by elevated Railway, and convenient alike to the great retail shops and business centre, also to the theatres and places of interest.
European Plan $1.00 per Day, and Upwards
Table and service unsurpassed.
Booklet and map sent upon application
TILLY HAYNES, Proprietor — JAMES C. HICKEY, Manager

WEBSTER'S STUDIO
Everything in Photography
GROUPS A SPECIALTY
Good work speaks for itself.
NASH BLOCK, AMHERST, MASS.

AMHERST BOOK STORE
Note Books — Fountain Pens
Agents for Rex Typewriter
F. M. CURRAN — C. F. DYER

MARSH'S SANITARY
Students' Furniture
RUGS AND CARPETS
— E. D. MARSH ESTATE —
ESTABLISHED 1892
STEPHEN LANE FOLGER, Inc.
MANUFACTURING JEWELERS
180 BROADWAY, NEW YORK
CLUB AND COLLEGE PINS AND RINGS
GOLD, SILVER AND BRONZE MEDALS

— JOIN THE BUNCH AT —
EPSTEIN'S TAILORING PARLORS
Now located over post office. Upone flight
Pressing and Cleaning a Specialty
Liberal Ticket System Tel. 36-M

College Stationery
With Class Numerals.
Magazines, Newspapers and Fountain Pens
A. J. HASTINGS
Newsdealer and Stationer

Gallup at Holyoke
293-297 High St.
— SELLS —
Hart Schaffner & Marx Clothes
Come down to Holyoke and see our big store.

S. S. HYDE
JEWELER & OPTICIAN
13 Pleasant St.
Oculists' Prescriptions Filled. Broken Lenses Accurately Replaced. Fine Watch Repairing Promptly and Skilfully Done.
Satisfaction Guaranteed

"BIDE-A-WEE"
Creamed Chicken and Waffles
Our [illegible]ity—And other good things to eat.
MRS. L. M. STEBBINS,
Middle Street, Hadley, Mass.
Tel. 415-W

The Highland Hotel
Corner of Hillman and Barnes Streets, three blocks from the Union Depot, is a modern hostelry run on the European Plan. It is just a step from Main Street, away from the noise and dust and yet in the center of the business district.
Its rooms are well furnished and comfortable, having a telephone and hot and cold running water in every room. Prices $1 and up; rooms with bath (single) $1.50 and up.
Its excellent cuisine and well ventilated dining room makes a meal a pleasant memory—everything of the highest quality, well cooked and served in the best possible manner.
Stay at the Highland Hotel once and you will anticipate staying there again. Music every evening.
D. H. SIEVERS,
Highland Hotel, Springfield, Mass.

Dr. A. H. Daniels, D. O.
OSTEOPATHIC PHYSICIAN
305 [illegible] BLDG., NORTHAMPTON, MASS.
Telephone

BUY YOUR
Dental Creams, Toilet Soaps, Shaving Powders, etc., of
A. W. HAMLIN, AMHERST, MASS.
I call at the Dorms and Fraternity Houses.

Seniors and Juniors
Now is the time to buy those
FILING CASES
For your Bulletins.
Johnson Book Co.
BABBITT WOODWORTH
Alpha Sigma Phi House.

AMHERST GARAGE CO., INC.
Automobile Supplies
REPAIRING IN ALL ITS BRANCHES VULCANIZING

Russell, Burdsall & Ward Bolt and Nut Co.
PORT CHESTER, NEW YORK
ESTABLISHED 1845
Makers of The Celebrated **EMPIRE** BOLTS and NUTS

Batchelder & Snyder Co.
PACKERS AND POULTRY DRESSERS
WHOLESALE ONLY
Beef, Mutton, Lamb, Veal, Pork, Hams, Bacon, Sausages, Poultry, Game, Butter, Cheese, Eggs, Olive Oils.
Blackstone, North and North Centre Streets,
BOSTON, ... MASS.

F. A. SHEPARD
MEN'S STORE
Shoes Hats Furnishings
Local Agent for E. V. PRICE CO., LAMM CO., BROWNING, KING & CO., Custom Tailors
OUR DISCOUNT TICKET SAVES YOU 5%

Carpenter & Morehouse,
PRINTERS,
No 1, Cook Place, Amherst, Mass

SUMMER WORK IN "POM"

Plans for the fourth term summer work in pomology are now nearly completed by the pomology department. At least 15 men can be accommodated in this course, and it is hoped that at least that number will sign for the work. Students will be required to work eight hours a day three days in the week for the pomology department, and three eight-hour days a week for the market gardening department

Two types of work will be taken up. The first will be project work and the second type apprentice work. The project work will consist of actual practice in the growing, pruning, spraying, harvesting, etc., of grapes, apples, berries, and various other fruits. The apprentice work will consist of practice in the picking of cherries, strawberries, and the like; of grading, sorting, packing, and shipping small and large fruits and berries; and of hoeing, weeding, and cultivating.

The course is designed to give practical knowledge as well as to develop the skill of the student in pomology and market gardening.

1913 NOTES

Benjamin W. Ellis, county agent, Putnam, Conn.

President Wilson has sent in Dennis A Sheehah's name for confirmation as postmaster of the town of Weston, Mass. Congratulations "Mighty!"

Fred Griggs has been appointed editor of our alumni quarterly—1913 should have a rattling good list of subscribers.

Harold Bantow, prosperous tobacco and corn grower of South Hadley, has driven through college and the snow several times this winter

"Doc" Fay, secretary of Conn. Valley Alumni Association engineered through a very live meeting of that organization Feb. 23.

Dr Paul Larsen, New York Hospital, New York City, specializing on pneumonia.

AGENT FOR DAIRY BUREAU

Albert B. Loring '17 of Nantasket has obtained a position as agent for the Dairy Bureau of the State Board of Agriculture under the head of General Agent P. M. Harwood. At present he is engaged in butter inspection work in the restaurants and stores around Boston. During the summer their work will be chiefly in the clean milk contest in scoring the samples and judging the condition of the milk.

MICRO MEETING

The Microbiology Club will hold a meeting Wednesday evening at 6-45 P. M. in the microbiology laboratory. Discussions will be held for the purpose of securing speakers for the coming term, as well as the transaction of the regular business.

RESERVE OFFICERS' CORPS

[Continued from page 1]

same will be true after graduation.

Juniors who do not elect the R. O. T. C. will be required to complete their work under the old schedule of four hours' work a week,—three of drill and one of tactics. Juniors who do elect the R. O. T. C. will have but one hour more a week, five hours in all—three of drill, two of tactics, and will receive in addition about $2.10 per week, but must attend the summer camp. Any junior may elect whether he is an officer or not.

LECTURES IN MAINE

Prof. Walter W. Chenoweth of the department of pomology has been at Arono, Me., giving lectures on horticultural subjects at the annual farmers' week of the University of Maine.

John D. Archbold, who died recently, gave $4,000,000 to Syracuse University during his lifetime. In his will he bequeathed $500,000 additional to the university.

HOW IS THE SOLE WITH YOU?
Get your shoes tapped at
GINSBURG'S, Amity St.
Work neatly done Satisfaction guaranteed

The wise ones read our advertisements. It pays.
Every young man in this country today is ambitious—or he's a "dead one."

Our specialty is
Clothes for Young Men
that have pep.
MERRITT CLARK & CO., 144 Main Street, Northampton.

WHO SAID A MIDNIGHT LUNCH?
Make it on one of our small
Electric Grill Stoves
Easy to care for and no danger of fire
Also a good line of
STUDENT LAMPS AND APPLIANCES
RUMERY & FAY, Electricians

The Holyoke Valve & Hydrant Co.
Jobbers of Wrought Iron and Brass Pipe, Valves and Fittings for Steam, Water and Gas, Asbestos and Magnesia Boiler and Pipe Coverings, Pipe Cut to Sketch. Mill Supplies. Engineers and Contractors for Steam and Hot Water Heating, Automatic Sprinkler Systems, Boiler and Engine Connections. Holyoke, Mass.

COLONIAL INN
The Place For Good Feeds
Give us a trial and you will be satisfied.
PLEASANT ST.
Just before you enter the campus

E. B. DICKINSON, D.D.S.
DENTAL ROOMS
Williams Block, Amherst, Mass.
Office Hours: 9 to 12 a. m., 1-30 to 5 p. m.

St. Clair's Chocolates
BEST IN THE WORLD
For Sale Only
—At—
HENRY ADAMS & CO.
The Rexall Store—On the Corner

THIS "Warning Signal" Insures Proper Speed on Every NEW DE LAVAL
NINE people out of ten turn the separator handle too slowly.
Thousands of tests with experienced separator operators show this to be the case, and it has been shown conclusively that there is a big cream loss when the separator is not turned fast enough.
The Bell Speed Indicator on the New De Laval is a "warning signal" that insures proper speed at all times. No matter who runs your De Laval, this "warning signal" will tell you when the speed is not right. You hear it and do not need to see it. This one feature alone may easily save you the cost of a cream separator in the next few months.
But that is only one of the big advantages of the New De Laval. Other advantages are greater capacity, closer skimming and easier turning, simpler bowl construction and easier washing. Send for catalog.
THE DE LAVAL SEPARATOR COMPANY
165 BROADWAY, NEW YORK — 29 E. MADISON ST., CHICAGO

What Does Silage Cost?
The acres used and cultivated time and again, and the area to be gone over to get the fodder are the big items in Silage cost.
Nitrate of Soda, as a Top Dressing worked in when cultivating, will cheapen production of your Silage.
Bigger, more succulent stalks and bigger ears will be yours.
Send post card for free book on "Corn Cultivation"
DR. WILLIAM S. MYERS
25 Madison Avenue, New York

HONOR ENTOMOLOGY MEN

Four Aggie Graduates Officers of American Association of Entomologists.

Aggie's entomologists are certainly making good in their work, as shown by the recent elections of the American Association of Economic Entomologists. The election was held at the annual meeting in New York and of the 141 members present 29 of them were Aggie graduates or former students of the college. The election resulted as follows:

President, R. A. Cooley, Bozeman, Montana; first vice-president, W. E. Hinds, Auburn, Alabama; second vice-president, A. W. Morrill, Phoenix, Arizona; third vice-president, G. M. Bentley, Knoxville, Tennessee; fourth vice-president, B. N. Gates, Amherst; secretary, A. F. Burgess, Melrose Highlands. Of these men, the president, first and second vice-presidents and the secretary are graduates of M. A. C. and the fourth vice-president is connected with the college.

Doctor Fernald is chairman of the committee on entomological investigations, and Doctor Hinds is director of the entomologists' employment bureau.

POTATOES THREE HUNDRED BUSHELS PER ACRE

Potatoes at the rate of 300 bushels per acre were harvested from the fields of the Fenton Brook farm this last year and the bulk of the crop was sold in the Norfolk county in eastern Virginia for seed tubers. The farm is located in Great Barrington, and a company has been formed with the idea of increasing the business along safe lines and building up a reputation in this particular field. The company was organized in March of the present year with O. B. Briggs as its president, and 12 of the present 21 stockholders are Aggie graduates. Those interested are as follows: O. B. Briggs '09, president; Paul E. Alger '09, vice-president and general manager; N. H. Dearing '14, treasurer; John B. Hull '92, S. S. Crossman '09, S. B. Haskell '04, John N. Summers '97, C. W. Stockwell '10, P. W. Pickard '11, J. P. Sherman '14, M. J. Clough '15 and M. P. Warner '17.

1915 NOTES

Milton Harvey is to be married to Miss Mildred Sexton of Gloucester on March 14 at 6 P. M. at the home of the bride. Harvey is manager of the Springbrook farm, Walpole.

The class extends its sympathy to Chester E. Spofford whose mother recently died as the result of an accident, an electric car hit a sleigh in which she was riding.

"Glad" Cale is state inspector of apiaries and teacher of beekeeping at the Maryland State college, College Park, Md.

on your way down town
and look over the
new arrivals!

Hart Schaffner & Marx Suits
In the Newest Spring Colorings
Our Spring Lines of
SHIRTS, CAPS AND NECKWEAR
Are Here.
Our prices are a little lower than the other fellow's.
"BUD" ROSS, Agent

SANDERSON & THOMPSON
School and College Photographers . . .
White Studio
LOCALLY: 52 Center St., Northampton Mass., and South Hadley, Mass
MAIN OFFICE: 1546-1548 Broadway, New York City
These Studios offer the best skilled artists and most complete equipment obtainable

Insure Your Crops and Your Profits
Write today for prices on
E. Frank Coe Fertilizers
1857 The Business Farmers' Standard for Sixty Years 1917
Ask For Our Crop Books. We Want Reliable Agents In Unoccupied Territory
Address Agency Manager
THE COE-MORTIMER COMPANY
Subsidiary of the American Agricultural Chemical Co.
51 CHAMBERS STREET . . . NEW YORK CITY

1916 NOTES.

Among those present Alumni Day, not including the Sixteen scrub faculty, graduate students, and local auto salesmen, were Sander, Coley, Harrocks, Walker, Murphy, Laird, Clark, Upham, Hall, Gilmore, Goodwin, Nicholson, Plaisted, Huntington, Mattoon, Glover. More returns later Dinsmore, Tarbell and Chamber represented the older alumni class. It is reported h all looked like millionaires.

Be[illegible] has gone with the [illegible] Farms Co., Bridgeton, N. This farm is a $300,000 proposition and bids fair to be a $1,000,000 one before long. There are 150 acres under Skinner system of irrigation. Lettuce and strawberries are the biggest crops, but 100 acres of potatoes are produced and every other truck crop in like proportion. There are six greenhouses, 300 x 60. At present they are full of radishes, which sell for five cents a bunch in Philadelphia and New York. My work is in the green house at present, but March first I expect to be outside."

99 and 44-100 percent of the class subscribed to the COLLEGIAN. One lad is not on the list.

Jim Nick came through with a real letter the other day. "No, I am not married nor engaged. I am not on the stage or in the movies and I wasn't just left a fortune by the death of an uncle in the West. I make these statements publicly that my well wishing friends may desist in the congratulations I have been receiving of late. At present, I am supervising the Welfare Work carried on by St. George's Parish here in New York. I am assisting in the boy club work, have a well equipped gymnasium, a fine little theater, and am doing some interesting plays. In addition I assist the organist and choirmaster in their work." Jim is supervising about 50 social workers, some voluntary and some paid, and keeps in touch with 1500 kids and their families. He has a suite of rooms and one office at 207 East 16th street, and any of the gang are cordially invited to drop in for a quiet smoke and bull-fest.

S'tan Prouty's letterhead is "The Government of the Philippine Islands, Department of Commerce and Police, Philippine Constabulary." His is another weird address: "Daet, Ambos Camarines, P. I. The above is my address for the present. Am located in Southern Suzon with the Second Ambos Camarines Company. Like the country very much and the work is interesting and not so bad but that I am still a member of the jat man's club."

Walkden and Simmons recently returned from a two weeks' trip to Tampa, Fla., for their health.

Kappa Gamma Phi fraternity announces the following pledges: 1920—Arthur E. Center of Springfield, H. George Porteck of Lowell. From the faculty—Prof. C. H. Thompson.

The Massachusetts Agricultural College

Offers courses of instruction in twenty seven teaching departments, which embrace the study of

Agriculture, Horticulture, Science, Humanities and Rural Social Science.

A student may specialize in the following subjects:

Agriculture
Agronomy
Animal Husbandry
Dairying
Poultry Husbandry
Rural Journalism
Floriculture
Forestry
Landscape Gardening
Pomology
Agricultural Chemistry
Agricultural Economics
Economic Entomology
Microbiology
Economic Botany
Agricultural Education
Rural Sociology

For complete catalog and illustrated booklet, write

KENYON L. BUTTERFIELD, PRESIDENT
AMHERST, MASS.

COLLEGIAN DIRECTORY

	Telephone
Associate Alumni,	C. A. Peters, Secretary—454-W
Joint Committee on Intercol. Athletics,	H. M. Gore, Secretary—403-M
M. A. C. Athletic Field Association,	C. S. Hicks, Treasurer—403-M
Non-Athletic Association,	H. E. Robbins, Manager—res. 62-W
The College Senate,	L. T. Buckman, President—416
Football Association,	J. A. Chapman, Manager—8314
Baseball Association,	R. D. Hawley, Manager—8314
Track Association,	O. S. Flint, Manager—544-M
Hockey Association,	M. R. Lawrence, Manager—8347
Basketball Association,	N. Moorhouse, Manager—8364
Rifle Club,	S. F. Tuthill, President—416
Roister Doisters,	A. F. Williams, Manager—8364
Musical Association,	D. M. Lipshires, Manager—416
Nineteen Hundred Eighteen Index,	K. L. Messenger, Manager—8347
Nineteen Hundred Nineteen Index,	E. M. Buffum, Manager—8364
M. A. C. Christian Association,	D. O. Merrill, President—416
M. A. C. Catholic Club,	J. H. Day, President—8377
Fraternity Conference,	L. T. Buckman, President—416
Stockbridge Club,	P. W. Latham, President—416
Interclass Athletic Committee,	O. G. Pratt, Secretary—8347

There are Seven Good Reasons why you should buy your

COAL
OF
C. R. ELDER

WOODWARD'S LUNCH

27 Main St., Masonic Bldg., Northampton, Mass.

Lunches, Soda, Ice Cream

Closed only from 1 A. M. to 4 A. M.

The Connecticut Valley Street Railway

From Amherst, via Northampton, through the Hatfields, past the foot of Sugar Loaf Mt., alongside the famous Bloody Brook battle ground to Old Deerfield, thence to Greenfield, Turners Falls and across the "Plains" to Lake Pleasant, Montague and Millers Falls.

50 Miles of Trackage—Modern Equipment—Train Dispatching System—Freight and Express Service over entire line.

Connecticut Valley Street Railway Company

Jacob Reed's Sons are the leading manufacturers of

UNIFORMS

For college and military schools, and have won and maintain their prestige by sheer merit. The uniforms worn at Massachusetts Agricultural College are finished examples of our product.

JACOB REED'S SONS,

Makers of "Gold Medal Uniforms."

1424-1426 Chestnut St., Philadelphia, Pa.

SILVER CIGARETTE CASES

On Display

—AT—

DEUEL'S DRUG STORE

Amherst, Mass.

COLLEGE SHOES

We carry the largest stock in the state outside of Boston.

MODERN REPAIR DEPT.

E. M. BOLLES
THE SHOEMAN

CARS

Leave M. A. C. for Holyoke at 7-20, 8.10, 9.10, 10-20, and at 20 minutes past the hour until 11-20 P. M.

CARS

Leave Amherst for M. A. C. at 6 05 6 25, 7-00, 7-30, 8 00, 8-15, 9-15, 9-30, 10-15, 10-30, 11-15, 11-30, 12-30, 12-45, 1-30, 1-45 and at 45 minutes past the hour up to 9-45, and at 10-30 and 11 00 P. M.

Last car at 12 30 A. M.

Special Cars at Reasonable Rates

AMHERST & SUNDERLAND ST. RY. CO

THE TERPSY PARLOR
Cleansing Pressing Repairing
Quickest service, Best Work, Lowest Price
All work carefully done. Work called for and delivered. Gents' overcoats, suits, pants and coats. Ladies' fine linen suits a specialty.
Teams will call every day at M. A. C.
WM. FRANKLIN, Prop.
Rear Nash Bl'k, Amherst. Tel. No. 342-4

Amherst
CO-OP LAUNDRY
High-Grade College Work

Shirts,	10-15c
Collars,	2 1-2c
Cuffs,	2 1-2c
Plain wash,	48c per doz.
Same, rough dry,	30c per doz.

DRY CLEANING AND PRESSING

Steam Pressing 40c, 3 Suits for $1.00
Dry Cleaning and Pressing, $1.50 a Suit

All bills payable at Co-op. Store and parcels left there will receive prompt attention.

GRAYSON '17, Agent
HIGGINBOTHAM '17, Asst. Agent